



01/18/2007

ECC  
63 Herb Hill Road  
Glen Cove, NY 11542

**STL Edison**  
777 New Durham Road  
Edison, NJ 08817  
Tel 732 549 3900 Fax 732 549 3679  
[www.stl-inc.com](http://www.stl-inc.com)

Attention: Mr. Theodore Johnson

Laboratory Results  
Job No. A771 - LTSS

Dear Mr. Johnson:

Enclosed are the results you requested for the following sample(s) received at our laboratory on December 13, 2006.

<u>Lab No.</u>	<u>Client ID</u>	<u>Analysis Required</u>
792850	5601-FSS-PCB1-013	PCBs
792851	5601-FSS-PCB1-018	PCBs
792852	5601FSS-PCB1-012	PCBs
792853	5601-FSS-PCB1-011	PCBs
792854	5601-FSS-PCB1-014	PCBs
792855	5601-FSS-PCB1-017	PCBs
792856	5601-FSS-PCB1-015	PCBs
792857	5601-FSS-PCB1-021	PCBs
792858	5601-FSS-PCB1-020	PCBs
792859	5601-FSS-PCB1-019	PCBs



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Laboratory Results  
Job No. A771 - LTSS (cont'd)

<u>Lab No.</u>	<u>Client ID</u>	<u>Analysis Required</u>
792860	5601-FSS-PCB1-025	PCBs

This report is not to be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

A handwritten signature in black ink, appearing to read "ML".

Michael Legg  
Project Manager

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## **Analytical Results Summary**

Client ID: **FSS-PCB1-013**  
Site: LTSS

Lab Sample ID: **792850**  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055654.d  
Rear File ID: qr055654.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 13

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit Units: ug/kg	<u>Column</u>
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: **FSS-PCB1-018**  
Site: LTSS

Lab Sample ID: **792851**  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055655.d  
Rear File ID: qr055655.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 5

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit	<u>Units: ug/kg</u> <u>Column</u>
Aroclor-1016	ND	71	R
Aroclor-1221	ND	71	R
Aroclor-1232	ND	71	R
Aroclor-1242	ND	71	R
Aroclor-1248	1100	71	R
Aroclor-1254	ND	71	R
Aroclor-1260	ND	71	R
Aroclor-1262	ND	71	R
Aroclor-1268	ND	71	R

Client ID: FSS-PCB1-012  
Site: LTSS

Lab Sample ID: 792852  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055656.d  
Rear File ID: qr055656.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 21

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit <u>Units: ug/kg</u>	<u>Column</u>
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: FSS-PCB1-011  
Site: LTSS

Lab Sample ID: 792853  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/17/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055692.d  
Rear File ID: qr055692.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 2.0  
% Moisture: 14

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit Units: ug/kg	<u>Column</u>
Aroclor-1016	ND	160	R
Aroclor-1221	ND	160	R
Aroclor-1232	ND	160	R
Aroclor-1242	ND	160	R
Aroclor-1248	2300	160	F
Aroclor-1254	ND	160	R
Aroclor-1260	ND	160	R
Aroclor-1262	ND	160	R
Aroclor-1268	ND	160	R

Client ID: FSS-PCB1-014  
Site: LTSS

Lab Sample ID: 792854  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/18/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055693.d  
Rear File ID: qr055693.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 2.0  
% Moisture: 8

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit	<u>Units: ug/kg</u> <u>Column</u>
Aroclor-1016	ND	140	R
Aroclor-1221	ND	140	R
Aroclor-1232	ND	140	R
Aroclor-1242	ND	140	R
Aroclor-1248	2100	140	R
Aroclor-1254	ND	140	R
Aroclor-1260	ND	140	R
Aroclor-1262	ND	140	R
Aroclor-1268	ND	140	R

Client ID: FSS-PCB1-017  
Site: LTSS

Lab Sample ID: 792855  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055659.d  
Rear File ID: qr055659.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 12

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg <u>(Dry Weight)</u>	<u>Quantitation</u> Limit <u>Units: ug/kg</u> <u>Column</u>
Aroclor-1016	ND	76 R
Aroclor-1221	ND	76 R
Aroclor-1232	ND	76 R
Aroclor-1242	ND	76 R
Aroclor-1248	ND	76 R
Aroclor-1254	ND	76 R
Aroclor-1260	ND	76 R
Aroclor-1262	ND	76 R
Aroclor-1268	ND	76 R

Client ID: FSS-PCB1-015  
Site: LTSS

Lab Sample ID: 792856  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055660.d  
Rear File ID: qr055660.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 12

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit Units: ug/kg	<u>Column</u>
Aroclor-1016	ND	76	R
Aroclor-1221	ND	76	R
Aroclor-1232	ND	76	R
Aroclor-1242	ND	76	R
Aroclor-1248	ND	76	R
Aroclor-1254	ND	76	R
Aroclor-1260	ND	76	R
Aroclor-1262	ND	76	R
Aroclor-1268	ND	76	R

Client ID: FSS-PCB1-021  
Site: LTSS

Lab Sample ID: 792857  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055661.d  
Rear File ID: qr055661.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 14

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit	<u>Units: ug/kg</u> <u>Column</u>
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	1200	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: **FSS-PCB1-020**  
Site: LTSS

Lab Sample ID: **792858**  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055662.d  
Rear File ID: qr055662.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 14

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit <u>Units: ug/kg</u> <u>Column</u>
Aroclor-1016	ND	78 R
Aroclor-1221	ND	78 R
Aroclor-1232	ND	78 R
Aroclor-1242	ND	78 R
Aroclor-1248	ND	78 R
Aroclor-1254	ND	78 R
Aroclor-1260	ND	78 R
Aroclor-1262	ND	78 R
Aroclor-1268	ND	78 R

Client ID: FSS-PCB1-019  
Site: LTSS

Lab Sample ID: 792859  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055663.d  
Rear File ID: qr055663.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 2

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit Units: ug/kg	<u>Column</u>
Aroclor-1016	ND	68	R
Aroclor-1221	ND	68	R
Aroclor-1232	ND	68	R
Aroclor-1242	ND	68	R
Aroclor-1248	210	68	R
Aroclor-1254	ND	68	R
Aroclor-1260	ND	68	R
Aroclor-1262	ND	68	R
Aroclor-1268	ND	68	R

Client ID: FSS-PCB1-025  
Site: LTSS

Lab Sample ID: 792860  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055664.d  
Rear File ID: qr055664.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 2

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit <u>Units: ug/kg</u> <u>Column</u>
Aroclor-1016	ND	68 R
Aroclor-1221	ND	68 R
Aroclor-1232	ND	68 R
Aroclor-1242	ND	68 R
Aroclor-1248	190	68 R
Aroclor-1254	ND	68 R
Aroclor-1260	ND	68 R
Aroclor-1262	ND	68 R
Aroclor-1268	ND	68 R

## **General Information**

Chain of Custody

**Environmental Chemical Corporation**

1746 Cole Blvd.  
Bldg. 21, Suite 350  
Lakewood, CO 80401  
Phone: (303) 298-7607  
Fax: (303) 298-7837

Customer Name: ECC - LTSS  
Address: 63 Herb Hill Road, Glen Cove, NY 11542

Contact: Theodore Johnson  
Phone: (303) 472-8834  
Fax: (516) 665-8531

COC Number:  
ECC Project Manager: Phil O'Dwyer  
Address: 63 Herb Hill Road, Glen Cove, NY 11542  
Phone: (614) 402 - 2020  
Customer Project Name: LTSS

A771

SAMPLE NUMBER	DATE	TIME	TYPE	CLIENT SAMPLE IDENTIFIER	TESTS	CONTAINER(S)	MATRIX
5601-15-26.B1-013	12/18/04	0957	Soil	Parcel B FSS	792850	1 glass jar	Soil
5601-018		0952			792851	1 glass jar	Soil
5601-012		0955			792852	1 glass jar	Soil
5601-011		1000			792853	1 glass jar	Soil
5601-014		0955			792854	1 glass jar	Soil
5601-017		0954			792855	1 glass jar	Soil
5601-015		0950			792856	1 glass jar	Soil
5601-021		1000			792857	1 glass jar	Soil
5601-020		0945			792858	1 glass jar	Soil
5601-019		0950			792859	1 glass jar	Soil
5601-025		0950			792860	1 glass jar	Soil

Notes:

Ship to: Severn Trent Laboratory, EDISON  
777 New Durham Road, Suite 7, Edison, New Jersey, 08817  
Phone: 732-549-3900

Request Turnaround Time: 7 Day

CUSTODY TRANSFER RECORD							
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Print: S. migdale	ECC	12/12/04	1300	Print: G. Mungas	STL		
Print: ful ex		12/13/04	9:30	Print: G. Mungas	STL		

**Environmental Chemical Corporation**

1746 Cole Blvd.  
Bldg. 21, Suite 350  
Lakewood, CO 80401  
Phone: (303) 298-7607  
Fax: (303) 298-7837

Customer Name: ECC - LTSS  
Address: 63 Herb Hill Road, Glen Cove, NY 11542

Contact: Theodore Johnson  
Phone: (303) 472 - 8834  
Fax: (516) 665-8531



COC Number:

ECC Project Manager: Phil O'Dwyer  
Address: 63 Herb Hill Road, Glen Cove, NY 11542

Phone: (614) 402 - 2020  
Customer Project Name: LTSS

SAMPLE NUMBER	DATE	TIME	TYPE	CLIENT SAMPLE IDENTIFIER	TESTS	CONTAINER(S)	MATRIX
5601 - RC - 033-00	12-12-06	10:25	Waste Characterization	Dozier Soil	792861 / 792862	3 glass jars	Soil
5601 - RC - 033-00	12-12-06	10:35	↓ miss.	Pace 1C' Soil (Pace Deter)	↓ miss.	3 glass jars	Soil

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Print: Michael B. Bass / M.B.	ECC	12-12-06	13:30	Print:			
Print: Ted		12-13-06	9:20	Print: G-Meager, Sir			

## Laboratory Chronicles

**INTERNAL CUSTODY RECORD  
AND  
LABORATORY CHRONICLE  
STL Edison**

**777 New Durham Road, Edison, New Jersey  
08817**

**Job No:** A771

**Site:** LTSS

**Client:** ECC

**PESTGC**

**8082**

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
<b>SOLID</b>							
792850	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688
792851	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688
792852	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688
792853	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/17/2006	Diaz, Carol	4688
792854	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/18/2006	Diaz, Carol	4688
792855	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688
792856	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688
792857	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688
792858	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688
792859	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688
792860	12/12/2006	12/13/2006	12/15/2006	Staib, Thomas	12/16/2006	Diaz, Carol	4688

## Methodology Review

## Analytical Methodology Summary

### Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

### Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

### GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/ neutrals and 10 for acid extractables).

### Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

### Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

**Metals Analysis:**

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

<u>Element</u>	<u>Water Test Method</u> <u>Furnace</u>	<u>Solid Test Method</u> <u>Furnace</u>
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Hexavalent Chromium:

Water samples are analyzed using EPA Method 7196A, EPA Method 7199 or (upon request) USGS -1230-35. Soil samples are subjected to alkaline digestion via EPA Method 3060A prior to analysis by EPA Method 7196A or EPA Method 7199.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

- Ignitability - Method 1020A
- Corrosivity - Water pH Method 9040B  
Soil pH Method 9045C
- Reactivity - Chapter 7, Section 7.3.3 and 7.3.4  
respectively for hydrogen cyanide and  
hydrogen sulfide release
- Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

## Data Reporting Qualifiers

## DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

\* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

## Non-Conformance Summary



## Nonconformance Summary

STL Edison Job Number: A771

**Client:** ECC

**Date:** 1/18/2007

### Sample Receipt:

Sample delivery conforms with requirements.

### Pesticides/PCBs:

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.



Michael Legg  
Project Manager

## **GC Forms and Data**

Method 8082 (PCBs) Results Summary

Client ID: **FSS-PCB1-013**  
Site: LTSS

Lab Sample ID: **792850**  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055654.d  
Rear File ID: qr055654.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 13

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit Units: ug/kg	<u>Column</u>
Aroclor-1016	ND	77	R
Aroclor-1221	ND	77	R
Aroclor-1232	ND	77	R
Aroclor-1242	ND	77	R
Aroclor-1248	ND	77	R
Aroclor-1254	ND	77	R
Aroclor-1260	ND	77	R
Aroclor-1262	ND	77	R
Aroclor-1268	ND	77	R

Client ID: FSS-PCB1-018  
Site: LTSS

Lab Sample ID: 792851  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055655.d  
Rear File ID: qr055655.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 5

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/kg</u> <u>(Dry Weight)</u>	<u>Quantitation</u> <u>Limit</u> <u>Units: ug/kg</u>	<u>Column</u>
Aroclor-1016	ND	71	R
Aroclor-1221	ND	71	R
Aroclor-1232	ND	71	R
Aroclor-1242	ND	71	R
Aroclor-1248	1100	71	R
Aroclor-1254	ND	71	R
Aroclor-1260	ND	71	R
Aroclor-1262	ND	71	R
Aroclor-1268	ND	71	R

Client ID: **FSS-PCB1-012**  
Site: LTSS

Lab Sample ID: **792852**  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055656.d  
Rear File ID: qr055656.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 21

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit Units: ug/kg	<u>Column</u>
Aroclor-1016	ND	85	R
Aroclor-1221	ND	85	R
Aroclor-1232	ND	85	R
Aroclor-1242	ND	85	R
Aroclor-1248	ND	85	R
Aroclor-1254	ND	85	R
Aroclor-1260	ND	85	R
Aroclor-1262	ND	85	R
Aroclor-1268	ND	85	R

Client ID: FSS-PCB1-011  
Site: LTSS

Lab Sample ID: 792853  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/17/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055692.d  
Rear File ID: qr055692.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 2.0  
% Moisture: 14

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit Units: ug/kg	<u>Column</u>
Aroclor-1016	ND	160	R
Aroclor-1221	ND	160	R
Aroclor-1232	ND	160	R
Aroclor-1242	ND	160	R
Aroclor-1248	2300	160	F
Aroclor-1254	ND	160	R
Aroclor-1260	ND	160	R
Aroclor-1262	ND	160	R
Aroclor-1268	ND	160	R

Client ID: FSS-PCB1-014  
Site: LTSS

Lab Sample ID: 792854  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/18/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055693.d  
Rear File ID: qr055693.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 2.0  
% Moisture: 8

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/kg</u> <u>(Dry Weight)</u>	<u>Quantitation</u> <u>Limit</u> <u>Units: ug/kg</u>	<u>Column</u>
Aroclor-1016	ND	140	R
Aroclor-1221	ND	140	R
Aroclor-1232	ND	140	R
Aroclor-1242	ND	140	R
Aroclor-1248	2100	140	R
Aroclor-1254	ND	140	R
Aroclor-1260	ND	140	R
Aroclor-1262	ND	140	R
Aroclor-1268	ND	140	R

Client ID: FSS-PCB1-017  
Site: LTSS

Lab Sample ID: 792855  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055659.d  
Rear File ID: qr055659.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 12

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit <u>Units: ug/kg</u>	<u>Column</u>
Aroclor-1016	ND	76	R
Aroclor-1221	ND	76	R
Aroclor-1232	ND	76	R
Aroclor-1242	ND	76	R
Aroclor-1248	ND	76	R
Aroclor-1254	ND	76	R
Aroclor-1260	ND	76	R
Aroclor-1262	ND	76	R
Aroclor-1268	ND	76	R

Client ID: **FSS-PCB1-015**  
Site: LTSS

Lab Sample ID: **792856**  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055660.d  
Rear File ID: qr055660.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 12

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit	<u>Units: ug/kg</u> <u>Column</u>
Aroclor-1016	ND	76	R
Aroclor-1221	ND	76	R
Aroclor-1232	ND	76	R
Aroclor-1242	ND	76	R
Aroclor-1248	ND	76	R
Aroclor-1254	ND	76	R
Aroclor-1260	ND	76	R
Aroclor-1262	ND	76	R
Aroclor-1268	ND	76	R

Client ID: FSS-PCB1-021  
Site: LTSS

Lab Sample ID: 792857  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055661.d  
Rear File ID: qr055661.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 14

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/kg</u> <u>(Dry Weight)</u>	<u>Quantitation</u> <u>Limit</u> <u>Units: ug/kg Column</u>
Aroclor-1016	ND	78 R
Aroclor-1221	ND	78 R
Aroclor-1232	ND	78 R
Aroclor-1242	ND	78 R
Aroclor-1248	1200	78 R
Aroclor-1254	ND	78 R
Aroclor-1260	ND	78 R
Aroclor-1262	ND	78 R
Aroclor-1268	ND	78 R

Client ID: FSS-PCB1-020  
Site: LTSS

Lab Sample ID: 792858  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055662.d  
Rear File ID: qr055662.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 14

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/kg</u> <u>(Dry Weight)</u>	<u>Quantitation</u> <u>Limit</u> <u>Units: ug/kg</u>	<u>Column</u>
Aroclor-1016	ND	78	R
Aroclor-1221	ND	78	R
Aroclor-1232	ND	78	R
Aroclor-1242	ND	78	R
Aroclor-1248	ND	78	R
Aroclor-1254	ND	78	R
Aroclor-1260	ND	78	R
Aroclor-1262	ND	78	R
Aroclor-1268	ND	78	R

Client ID: FSS-PCB1-019  
Site: LTSS

Lab Sample ID: 792859  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055663.d  
Rear File ID: qr055663.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 2

**ORGANOCHLORINE PCBs - GC/ECD  
METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> <u>Units: ug/kg</u> <u>(Dry Weight)</u>	<u>Quantitation</u> <u>Limit</u> <u>Units: ug/kg</u>	<u>Column</u>
Aroclor-1016	ND	68	R
Aroclor-1221	ND	68	R
Aroclor-1232	ND	68	R
Aroclor-1242	ND	68	R
Aroclor-1248	210	68	R
Aroclor-1254	ND	68	R
Aroclor-1260	ND	68	R
Aroclor-1262	ND	68	R
Aroclor-1268	ND	68	R

Client ID: FSS-PCB1-025  
Site: LTSS

Lab Sample ID: 792860  
Lab Job No: A771

Date Sampled: 12/12/06  
Date Received: 12/13/06  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055664.d  
Rear File ID: qr055664.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 2

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit	<u>Units: ug/kg</u> <u>Column</u>
Aroclor-1016	ND	68	R
Aroclor-1221	ND	68	R
Aroclor-1232	ND	68	R
Aroclor-1242	ND	68	R
Aroclor-1248	190	68	R
Aroclor-1254	ND	68	R
Aroclor-1260	ND	68	R
Aroclor-1262	ND	68	R
Aroclor-1268	ND	68	R

## QA Summary

## GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL

Level: LOW

Lab Job No: A771

	LABORATORY SAMPLE NO.	S1 %REC #	S1 %REC #	TOT OUT
01	SP349B	120	136	0
02	4688BS	121	_____	0
03	792850	108	_____	0
04	792851	123	143	0
05	792852	105	_____	0
06	792855	113	_____	0
07	792856	117	_____	0
08	792857	93	97	0
09	792858	87	_____	0
10	792859	134	143	0
11	792860	129	136	0
12	792853	129	128	0
13	792854	132	131	0
14	_____	_____	_____	_____
15	_____	_____	_____	_____
16	_____	_____	_____	_____
17	_____	_____	_____	_____
18	_____	_____	_____	_____
19	_____	_____	_____	_____
20	_____	_____	_____	_____
21	_____	_____	_____	_____
22	_____	_____	_____	_____
23	_____	_____	_____	_____
24	_____	_____	_____	_____
25	_____	_____	_____	_____
26	_____	_____	_____	_____
27	_____	_____	_____	_____
28	_____	_____	_____	_____
29	_____	_____	_____	_____
30	_____	_____	_____	_____

ADVISORY  
QC LIMITS

S1 = Decachlorobiphenyl (sur (60-151)

- # Column to be used to flag recovery values
- \* Values outside of advisory QC limits
- D Surrogate diluted out
- R Surrogate removed during H<sub>2</sub>SO<sub>4</sub> cleanup procedure
- \*\* Not detected due to coeluting interference

GC BLANK SPIKE RECOVERY  
METHOD 8082

QA Batch: 4688

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	450	136	70-160
Aroclor-1260	330	420	127	42-186

# Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY  
METHOD 8082

Matrix: SOIL

Matrix Spike - Lab Sample No.: 793466

Level: LOW

MS Sample from Lab Job No: A839

QA Batch: 4688

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	460	0.00	610	133	70-160
Aroclor-1260	460	0.00	620	135	42-186

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	460	500	109	20	29	70-160
Aroclor-1260	460	510	111	19	24	42-186

# Column to be used to flag recovery and RPD values with an asterik

\* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

COMMENTS: \_\_\_\_\_

## GC ORGANICS METHOD BLANK SUMMARY

LAB SAMPLE NO.

SP349B

Matrix: SOIL

Date Analyzed: 12/16/06

Level: LOW

Time Analyzed: 0113

Instrument ID: PESTGC8

Lab File ID: QR055649

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

CLIENT ID.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01 4688BS	4688BS	qr055650.d	12/16/06
02 FSS-PCB1-013	792850	qr055654.d	12/16/06
03 FSS-PCB1-018	792851	qr055655.d	12/16/06
04 FSS-PCB1-012	792852	qr055656.d	12/16/06
05 FSS-PCB1-017	792855	qr055659.d	12/16/06
06 FSS-PCB1-015	792856	qr055660.d	12/16/06
07 FSS-PCB1-021	792857	qr055661.d	12/16/06
08 FSS-PCB1-020	792858	qr055662.d	12/16/06
09 FSS-PCB1-019	792859	qr055663.d	12/16/06
10 FSS-PCB1-025	792860	qr055664.d	12/16/06
11 FSS-PCB1-011	792853	qr055692.d	12/17/06
12 FSS-PCB1-014	792854	qr055693.d	12/18/06
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30			

COMMENTS:

Client ID: **SP349B**  
Site:

Lab Sample ID: **SP349B**  
Lab Job No: A771

Date Sampled: \_\_\_\_\_  
Date Received: \_\_\_\_\_  
Date Extracted: 12/15/06  
Date Analyzed: 12/16/06  
GC Front Column: StxCLP2  
GC Rear Column: StxCLP1  
Instrument ID: PESTGC8.i  
Front File ID: qf055649.d  
Rear File ID: qr055649.d

Matrix: SOIL  
Level: LOW  
Sample Weight: 15 g  
Extract Final Volume: 10.0 ml  
Dilution Factor: 1.0  
% Moisture: 0

**ORGANOCHLORINE PCBs - GC/ECD**  
**METHOD 8082**

<u>Parameter</u>	<u>Analytical Results</u> Units: ug/kg (Dry Weight)	<u>Quantitation</u> Limit Units: ug/kg	<u>Column</u>
Aroclor-1016	ND	67	R
Aroclor-1221	ND	67	R
Aroclor-1232	ND	67	R
Aroclor-1242	ND	67	R
Aroclor-1248	ND	67	R
Aroclor-1254	ND	67	R
Aroclor-1260	ND	67	R
Aroclor-1262	ND	67	R
Aroclor-1268	ND	67	R

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b,  
as of 01/03/2007 22:34)

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/16/06 to 12/16/06

Retention Time Shift Marker - Decachlorobiphenyl (surr)  
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.299

Lab Sample ID	Data File	Injection Time	RT	DLT RT
SP349B	qr055649.d	16-DEC-2006 01:13	10.304	0.005
4688BS	qr055650.d	16-DEC-2006 01:29	10.303	0.004
792850	qr055654.d	16-DEC-2006 02:31	10.301	0.002
792851	qr055655.d	16-DEC-2006 02:46	10.304	0.005
792852	qr055656.d	16-DEC-2006 03:01	10.303	0.004
792855	qr055659.d	16-DEC-2006 03:46	10.304	0.004
792856	qr055660.d	16-DEC-2006 04:02	10.302	0.003
792857	qr055661.d	16-DEC-2006 04:17	10.303	0.004
792858	qr055662.d	16-DEC-2006 04:32	10.304	0.005
792859	qr055663.d	16-DEC-2006 04:47	10.302	0.003
792860	qr055664.d	16-DEC-2006 05:02	10.304	0.005

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b,  
as of 01/03/2007 22:34)

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

Dates of Analysis: 12/16/06 to 12/16/06

Retention Time Shift Marker - Decachlorobiphenyl(surr)  
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.194

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Lab Sample ID	Data File	Injection Time	RT	DLT RT
sp349b	qf055649.d	16-DEC-2006 01:13	11.215	0.021
792850	qf055654.d	16-DEC-2006 02:31	11.204	0.010
792851	qf055655.d	16-DEC-2006 02:46	11.207	0.013
792852	qf055656.d	16-DEC-2006 03:01	11.200	0.006
792855	qf055659.d	16-DEC-2006 03:46	11.210	0.016
792856	qf055660.d	16-DEC-2006 04:02	11.202	0.008
792857	qf055661.d	16-DEC-2006 04:17	11.203	0.009
792858	qf055662.d	16-DEC-2006 04:32	11.210	0.016
792859	qf055663.d	16-DEC-2006 04:47	11.200	0.006
792860	qf055664.d	16-DEC-2006 05:02	11.212	0.018

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06a.b,  
as of 01/03/2007 22:34)

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

Dates of Analysis: 12/17/06 to 12/18/06

Retention Time Shift Marker - Decachlorobiphenyl (surr)  
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 10.298

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Lab Sample ID	Data File	Injection Time	RT	DLT RT
792853	qr055692.d	17-DEC-2006 23:01	10.307	0.009
792854	qr055693.d	18-DEC-2006 00:23	10.303	0.005

---

D = Surrogate diluted out.

Pesticide/PCB Retention Time Shift Summary

(for databatch - /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06a.b,  
as of 01/03/2007 22:34)

Instrument ID: PESTGC8.i    Column ID: StxCLP2    Confirmatory Column

Dates of Analysis: 12/17/06                          to 12/18/06

Retention Time Shift Marker - Decachlorobiphenyl(surr)  
QC Limit for RT Shift is 0.10 min

Absolute Surrogate RT From Cal. Standard Level 3: DCB = 11.201

Lab Sample ID	Data File	Injection Time	RT	DLT RT
792853	qf055692.d	17-DEC-2006 23:01	11.223	0.022
792854	qf055693.d	18-DEC-2006 00:23	11.206	0.005

D = Surrogate diluted out.

## Analytical Sequence

## GC ORGANICS ANALYTICAL SEQUENCE SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP1 Primary Column

	Lab Sample ID	Client Sample ID	Lab File ID	Sample Type	Inj. Date	Inj. Time
1	1660-1000 A		qr054214.d	CALIB_3	11/06/06	1751
2	1660-100 A		qr054215.d	CALIB_1	11/06/06	1807
3	1660-500 A		qr054216.d	CALIB_2	11/06/06	1822
4	1660-1500 A		qr054217.d	CALIB_4	11/06/06	1837
5	1660-2500 A		qr054218.d	CALIB_5	11/06/06	1851
6	1221-1000 A		qr054219.d	CALIB_3	11/06/06	1906
7	1232-1000 A		qr054220.d	CALIB_3	11/06/06	1920
8	1242-1000 A		qr054221.d	CALIB_3	11/06/06	1936
9	1248-1000 A		qr054222.d	CALIB_3	11/06/06	1951
10	1254-1000 A		qr054223.d	CALIB_3	11/06/06	2005
11	1262-1000 A		qr054224.d	CALIB_3	11/06/06	2026
12	1268-1000 A		qr054225.d	CALIB_3	11/06/06	2040
13	1660-1000 A		qr055648.d	CCALIB_3	12/16/06	0053
14	SP349B		qr055649.d	BLANK	12/16/06	0113
15	4688BS		qr055650.d	BS	12/16/06	0129
16	792850	FSS-PCB1-013	qr055654.d	SAMPLE	12/16/06	0231
17	792851	FSS-PCB1-018	qr055655.d	SAMPLE	12/16/06	0246
18	792852	FSS-PCB1-012	qr055656.d	SAMPLE	12/16/06	0301
19	792855	FSS-PCB1-017	qr055659.d	SAMPLE	12/16/06	0346
20	792856	FSS-PCB1-015	qr055660.d	SAMPLE	12/16/06	0402
21	792857	FSS-PCB1-021	qr055661.d	SAMPLE	12/16/06	0417
22	792858	FSS-PCB1-020	qr055662.d	SAMPLE	12/16/06	0432
23	792859	FSS-PCB1-019	qr055663.d	SAMPLE	12/16/06	0447
24	792860	FSS-PCB1-025	qr055664.d	SAMPLE	12/16/06	0502
25	1660-1000 B		qr055670.d	CCALIB_3	12/16/06	0632
26	1660-1000 A		qr055691.d	CCALIB_3	12/17/06	2220
27	792853	FSS-PCB1-011	qr055692.d	SAMPLE	12/17/06	2301
28	792854	FSS-PCB1-014	qr055693.d	SAMPLE	12/18/06	0023
29	1660-1000 B		qr055710.d	CCALIB_3	12/18/06	0439

Raw Data

## GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Primary Column

## Calibration Files:

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/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054214.d
/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054217.d
/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054218.d

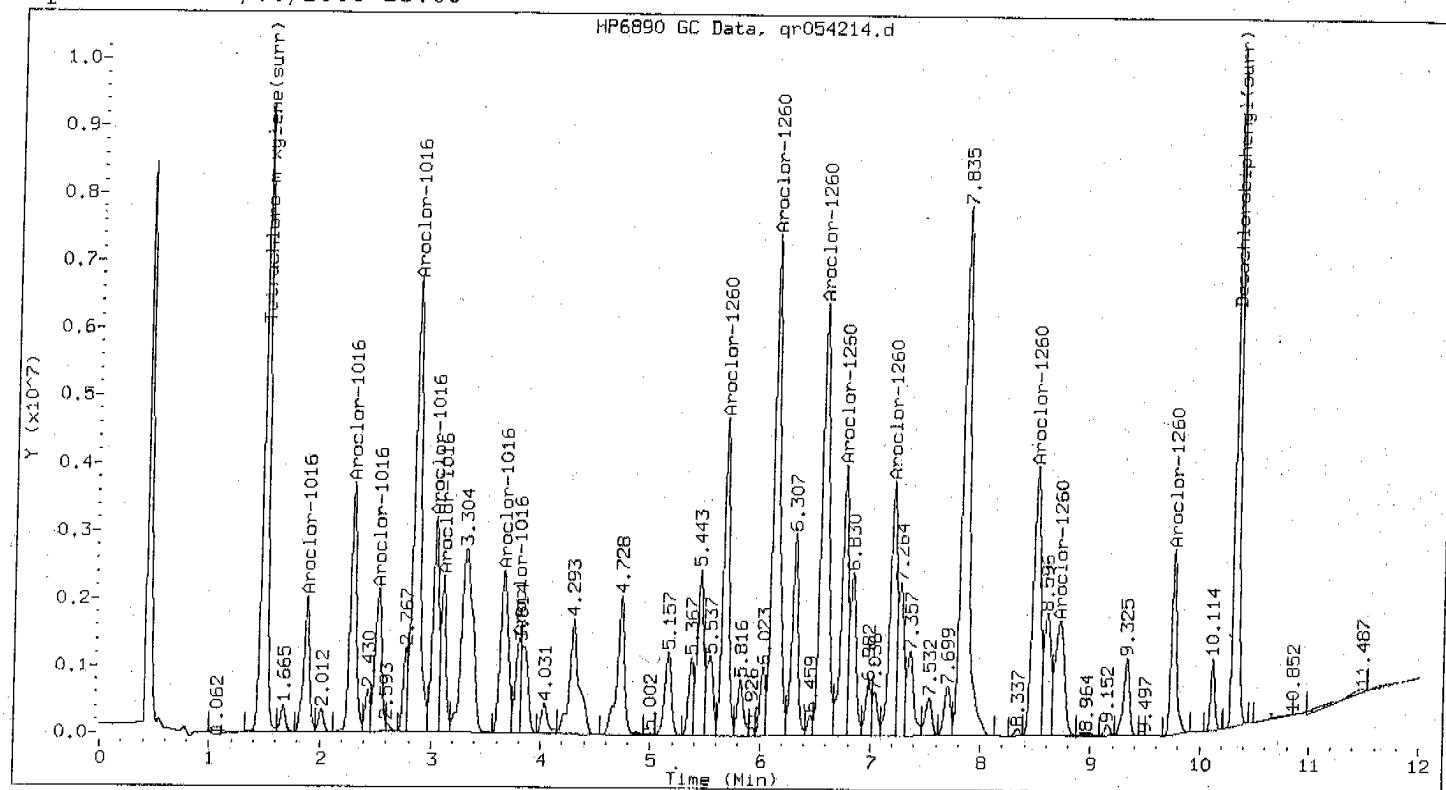
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Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	a1	a2	%RSD or R^2
Aroclor-1016	1  7569.33   8427.48   7810.58   7644.05   7011.54					7692.60			6.61369
	2  15225.40   15107.58   14232.41   13837.16   12788.53					14238.22			7.01703
	3  9454.76   9163.50   8987.03   8861.72   8463.66					8986.13			4.08698
	4  33028.19   33033.64   30664.47   29712.98   26924.97					30672.85			8.32615
	5  13151.92   12199.79   11824.91   11537.66   10744.42					11891.74			7.43766
	6  6199.13   7383.15   8128.38   7803.25   7887.66					7480.31			10.22724
	7  13586.94   13769.66   12323.29   12186.31   11477.78					12568.80			7.71939
	8  5705.29   5318.98   4711.73   5482.01   4959.62					5235.53			7.63344
Aroclor-1260	1  20566.99   19707.17   18414.03   17870.22   16743.86					18660.45			8.07805
	2  36513.85   36008.62   33115.03   32189.81   30354.90					33636.44			7.72969
	3  31491.79   32528.60   30712.92   29998.91   28707.70					30687.98			4.73086
	4  16815.25   16837.74   16336.43   15655.41   14822.98					16093.56			5.32708
	5  15327.57   16293.39   15832.94   15566.66   14810.08					15566.13			3.56041
	6  17898.36   20284.84   19451.58   19271.31   18863.46					19153.91			4.55306
	7  7899.81   10635.84   10344.20   10449.27   10337.42					9933.31			11.50809
	8  7357.62   9751.45   9219.12   9191.17   9112.59					8926.39			10.22496
Tetrachloro-m-xylene(surr)	285923.48   318589.86   299284.92   296798.36   289834.31					298086.19			4.24185
Decachlorobiphenyl(surr)	286447.32   301671.50   273624.00   267975.38   266133.52					279170.34			5.32902

## Comments:

\* = %RSD exceeded maximum upper limit. Linear regression used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/06Qr8082.m  
 Sample Info : 1660-1000 A  
 Lab ID : 1660-1000 A  
 Inj Date : 06-NOV-2006 17:51  
 Operator : 615  
 Cpnd Sublist: AR16600S

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1016	(M)	1.874	1.874	0.000	7810582	1015.338
(2)		2.286	2.286	0.000	14232412	999.592
(3)		2.521	2.521	0.000	8987031	1000.100
(4)		2.849	2.849	0.000	30664469	999.727
(5)		3.024	3.024	0.000	11824905	994.380
(6)		3.102	3.102	0.000	8128378	1086.636
(7)		3.651	3.651	0.000	12323293	972.728
(8)		3.796	3.796	0.000	4711731	899.954

Average of peak concentrations: 1000.00

Aroclor-1260	5.667	5.667	0.000	18414026	986.794	986.794
(2)	6.113	6.113	0.000	33115025	984.498	984.498
(3)	6.554	6.554	0.000	30712924	1000.813	1000.813
(4)	6.753	6.753	0.000	16336431	1015.091	1015.091
(5)	7.192	7.192	0.000	15832944	1017.141	1017.141
(6)	8.491	8.491	0.000	19451583	1015.541	1015.541

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
	(ug/L)	(ug/kg)				
(7)	8.712	8.712	0.000	10344198	1041.365	1041.365
(8)	9.748	9.748	0.000	9219121	1032.794	1032.794

Average of peak concentrations: 1000.00

Tetrachloro-m-xylene(surr) 1.480 1.480 0.000 29928492 100.402 100.402

Decachlorobiphenyl(surr) 10.308 10.308 0.000 27362400 98.013 98.013

COMMENTS:

M - Compound response manually integrated.

## GC ORGANICS INITIAL CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

## Calibration Files:

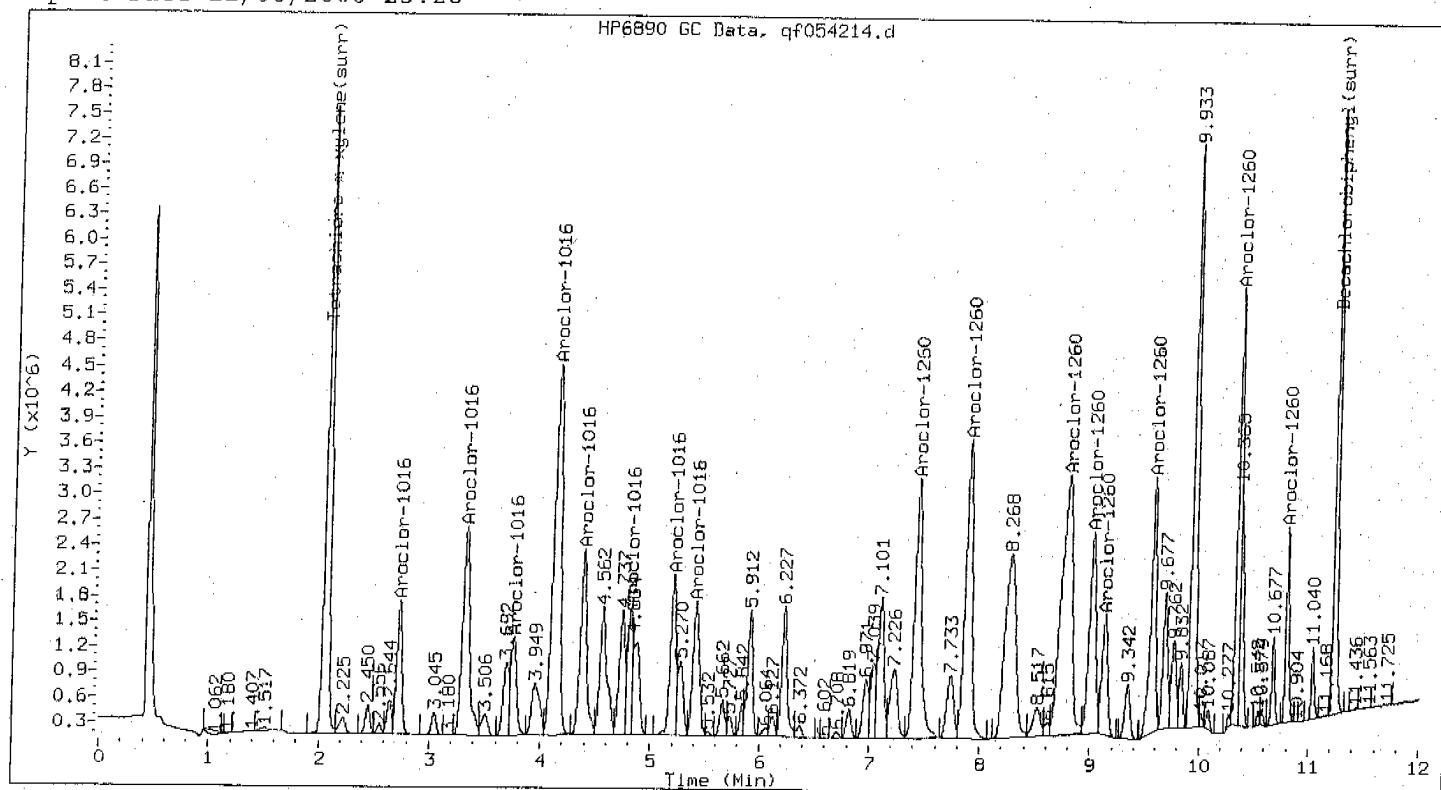
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 /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054218.d

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Coefficients a0	Coefficients a1	Coefficients a2	%RSD or R^2	
Aroclor-1016	1  6384.01	5856.78	5138.01	4997.44	4622.29		5399.71		13.13600	
	2  12475.22	12658.27	11041.65	10622.59	9777.75		11315.10		10.88494	
	3  5999.65	5073.39	4532.86	4484.46	4083.75		4834.82		15.31047	
	4  24640.53	22913.31	20228.44	19585.81	18168.63		21107.34		12.41521	
	5  10944.29	10029.15	8883.47	8642.98	8037.41		9307.46		12.52314	
	6  6214.79	6271.69	4662.57	5467.40	4905.24		5504.34		13.35779	
	7  8038.66	7744.97	6793.22	6685.98	6227.54		7098.07		10.73802	
	8  7091.21	7364.54	6591.34	6510.21	6170.25		6745.51		7.08166	
Aroclor-1260	1  16788.66	15817.30	13818.58	13293.15	12408.84		14425.31		12.61171	
	2  18718.09	17566.86	15522.43	14995.35	14028.98		16166.34		11.90928	
	3  24699.25	23742.37	21623.92	22129.51	20589.21		22556.85		7.32489	
	4  11579.24	11099.30	9844.86	10212.44	9588.94		10464.96		8.07965	
	5  5789.48	5838.84	5317.69	5683.18	5337.34		5593.31		4.45469	
	6  11134.00	11326.80	10145.25	10331.23	9917.09		10570.87		5.89742	
	7  14634.84	13598.16	11982.70	12434.30	11478.60		12825.72		9.97585	
	8  5207.11	4979.11	4500.46	4408.92	4274.04		4673.93		8.54237	
Tetrachloro-m-xylene(surr)	215257.44	237992.86	217928.47	211241.18	210154.23		218514.84		5.18338	
Decachlorobiphenyl(surr)	158445.44	160384.64	141659.68	136606.45	134261.50		146271.54		8.41699	

## Comments:

\* = %RSD exceeded maximum upper limit. Linear regression used for quantitation.

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/06Qf8082.m  
 Sample Info : 1660-1000 A  
 Lab ID : 1660-1000 A  
 Inj Date : 06-NOV-2006 17:51  
 Operator : 615  
 Cpnd Sublist: AR16600S

*R.H. Jette*  
 Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT (M)	CONCENTRATIONS			
		ON-COLUMN	FINAL	(ug/L)	(ug/kg)
Aroclor-1016	2.727	2.727	0.000	5138010	951.535
(2)	3.316	3.316	0.000	11041648	975.833
(3)	3.754	3.754	0.000	4532859	937.544
(4)	4.131	4.131	0.000	20228439	958.360
(5)	4.380	4.380	0.000	8883466	954.446
(6)	4.810	4.810	0.000	4662571	847.072
(7)	5.201	5.201	0.000	6793215	957.050
(8)	5.408	5.408	0.000	6591341	977.145

Average of peak concentrations: 940.00

Aroclor-1260	(M)	7.424	7.424	0.000	13818580	957.940	957.940
(2)		7.882	7.882	0.000	15522432	960.170	960.170
(3)		8.784	8.784	0.000	21623916	958.641	958.641
(4)		9.011	9.011	0.000	9844860	940.745	940.745
(5)		9.129	9.129	0.000	5317685	950.723	950.723
(6)		9.566	9.566	0.000	10145252	959.736	959.736

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	10.345	10.345	0.000	11982696	934.271	934.271
(8)	10.798	10.798	0.000	4500462	962.887	962.887
Average of peak concentrations:					950.00	

Tetrachloro-m-xylene(surr)	2.057	2.057	0.000	21792847	99.732	99.732
Decachlorobiphenyl(surr) (M)	11.230	11.230	0.000	14165968	96.847	96.847

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i    Column ID: StxCLP2    Primary Column

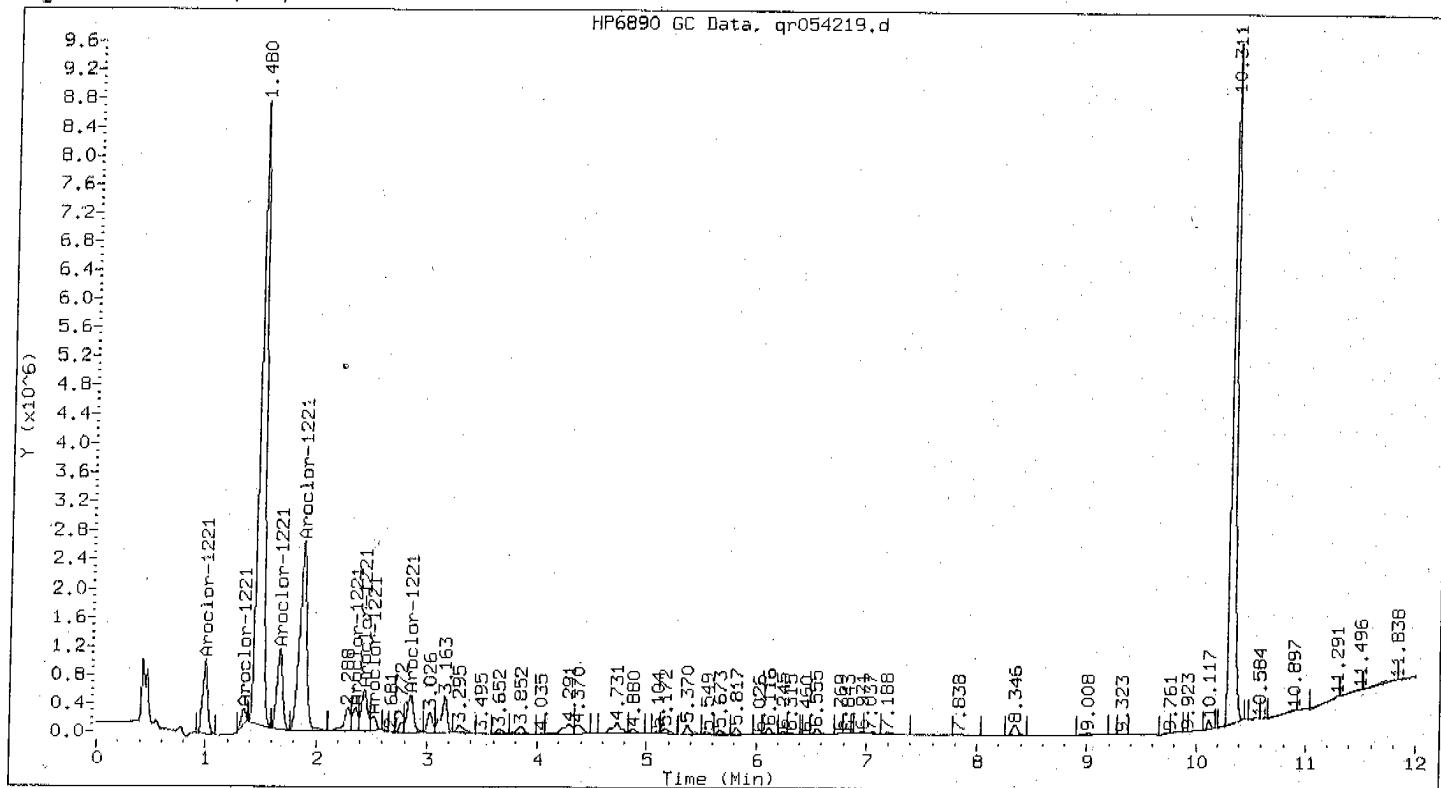
Midpoint Calibration File:

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Compound	Midpoint Standard	
	Response Factor	
Aroclor-1221	3482.61	
2	696.51	
3	3910.74	
4	11846.11	
5	1067.45	
6	2195.54	
7	655.65	
8	2237.09	

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/06Qr8082.m  
 Sample Info : 1221-1000.A  
 Lab ID : 1221-1000.A  
 Inj Date : 06-NOV-2006 19:06  
 Operator : 615  
 Cpnd Sublist: AR12210

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	(M)	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1221		0.995	0.995	0.000	3482612	1000.000	1000.000
(2)		1.349	1.349	0.000	696515	1000.000	1000.000
(3)		1.668	1.668	0.000	3910740	1000.000	1000.000
(4)		1.875	1.875	0.000	11846113	1000.000	1000.000
(5)		2.357	2.357	0.000	1067452	1000.000	1000.000
(6)		2.436	2.436	0.000	2195542	1000.000	1000.000
(7)		2.517	2.517	0.000	655649	1000.000	1000.000
(8)		2.852	2.852	0.000	2237095	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i    Column ID: StxCLP2    Confirmatory Column

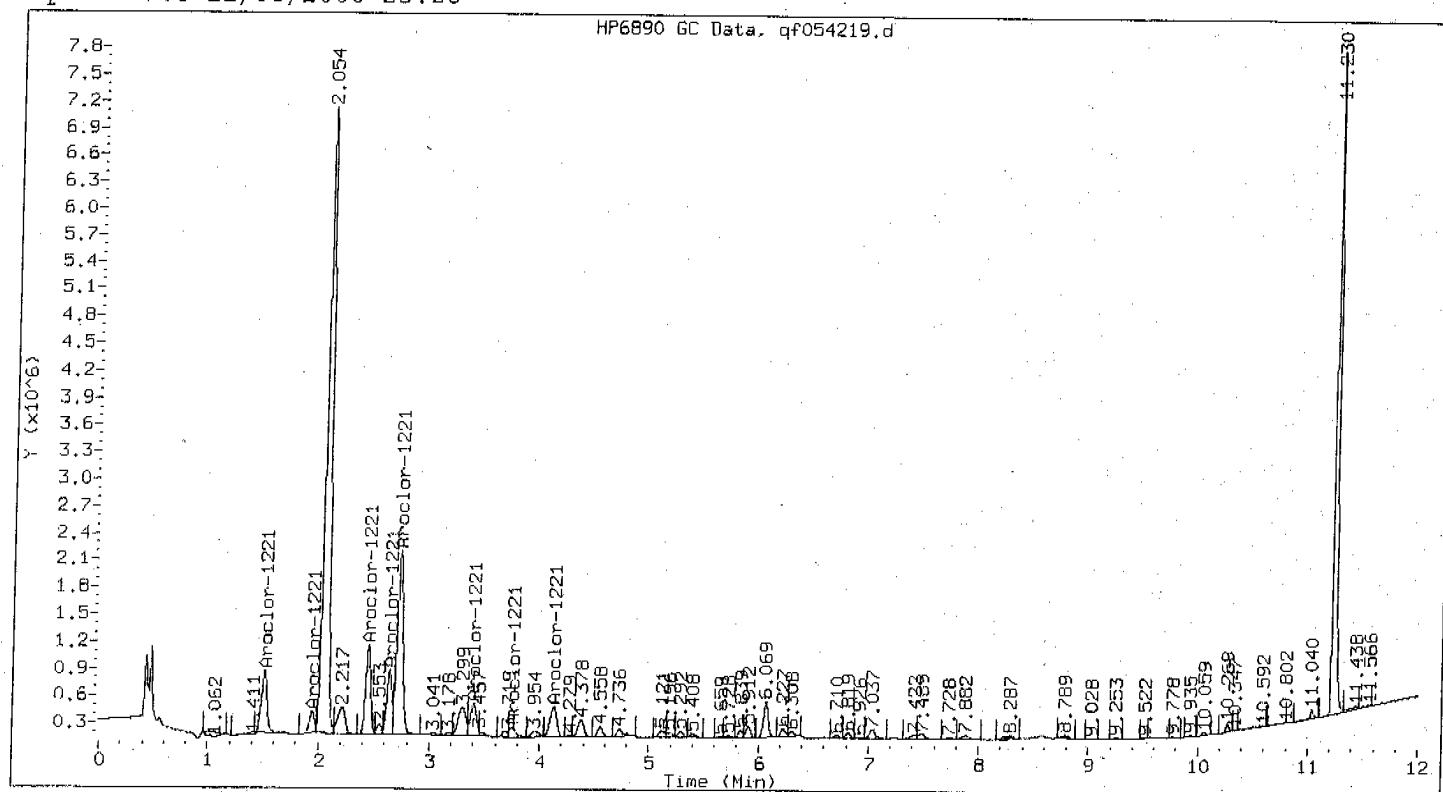
Midpoint Calibration File:

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Compound	Midpoint Standard
	Response Factor
<hr/>	
Aroclor-1221	2635.31
2	814.01
3	3127.80
4	2219.34
5	7438.17
6	1367.62
7	491.11
8	1464.09

Comments:

\* = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/06Qf8082.m  
 Sample Info : 1221-1000 A  
 Lab ID : 1221-1000 A  
 Inj Date : 06-NOV-2006 19:06  
 Operator : 615  
 Cpdn Sublist: AR12210

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT (M)	CONCENTRATIONS				
		ON-COLUMN	FINAL	(ug/L)	(ug/kg)	
Aroclor-1221	1.514	1.514	0.000	2635314	1000.000	1000.000
(2)	1.947	1.947	0.000	814008	1000.000	1000.000
(3)	2.448	2.448	0.000	3127797	1000.000	1000.000
(4)	2.641	2.641	0.000	2219344	1000.000	1000.000
(5)	2.725	2.725	0.000	7438173	1000.000	1000.000
(6)	3.402	3.402	0.000	1367618	1000.000	1000.000
(7)	3.752	3.752	0.000	491112	1000.000	1000.000
(8)	4.128	4.128	0.000	1464090	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Primary Column

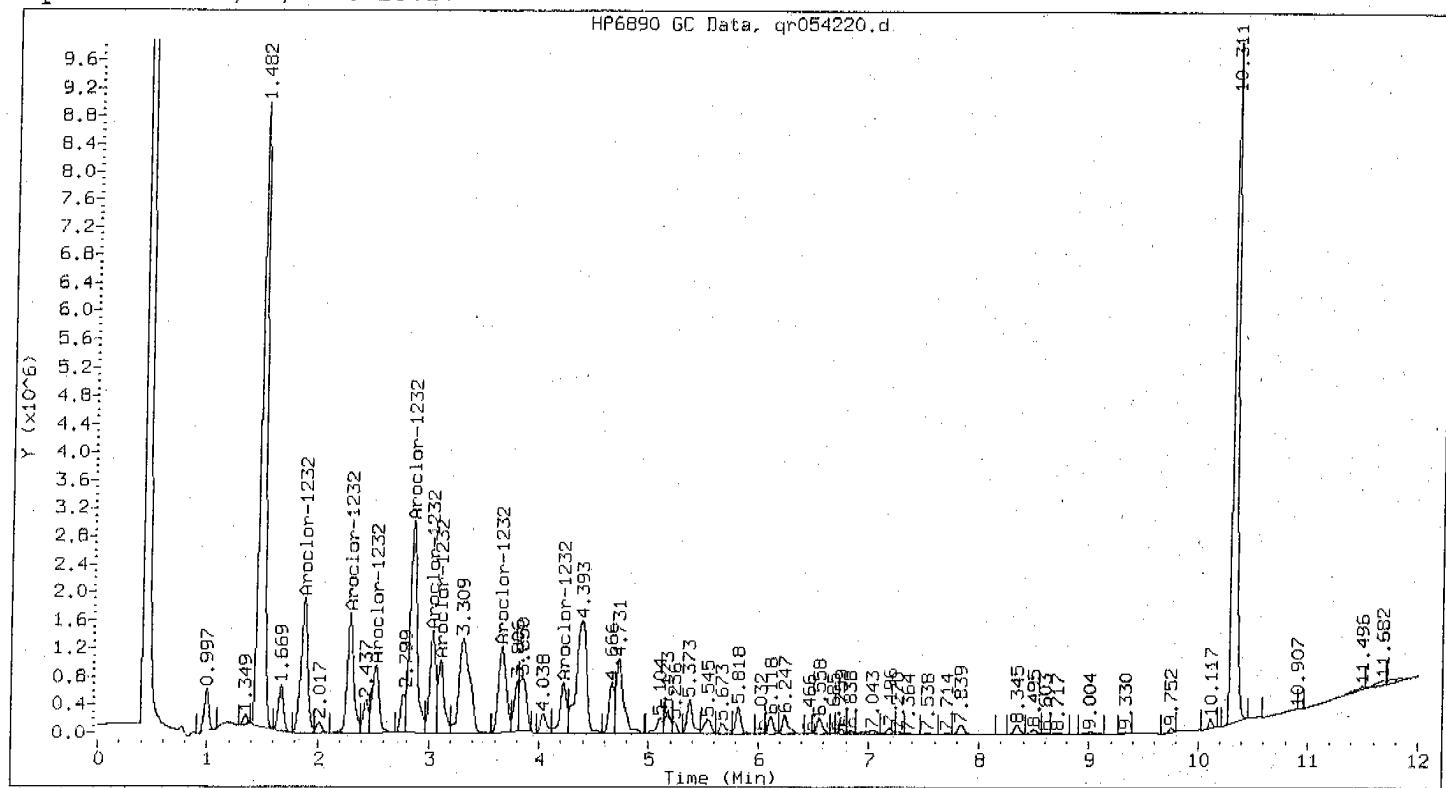
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/gr054220.d

Compound	Midpoint Standard
	Response Factor
<hr/>	
Aroclor-1232	7984.21
2	7011.86
3	4216.17
4	13397.33
5	5439.89
6	4003.14
7	6007.70
8	3075.41

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/06Qr8082.m  
 Sample Info : 1232-1000 A  
 Lab ID : 1232-1000 A  
 Inj Date : 06-NOV-2006 19:20  
 Operator : 615  
 Cpnd Sublist: AR12320

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1232	1.878	1.878	0.000	7984212	1000.000	1000.000
(2)	2.290	2.290	0.000	7011863	1000.000	1000.000
(3)	2.525	2.525	0.000	4216171	1000.000	1000.000
(4)	2.854	2.854	0.000	13397332	1000.000	1000.000
(5)	3.031	3.031	0.000	5439892	1000.000	1000.000
(6)	3.107	3.107	0.000	4003138	1000.000	1000.000
(7)	3.658	3.658	0.000	6007703	1000.000	1000.000
(8)	4.223	4.223	0.000	3075407	1000.000	1000.000

Average of peak concentrations: 1000.00

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i    Column ID: StxCLP2    Confirmatory Column

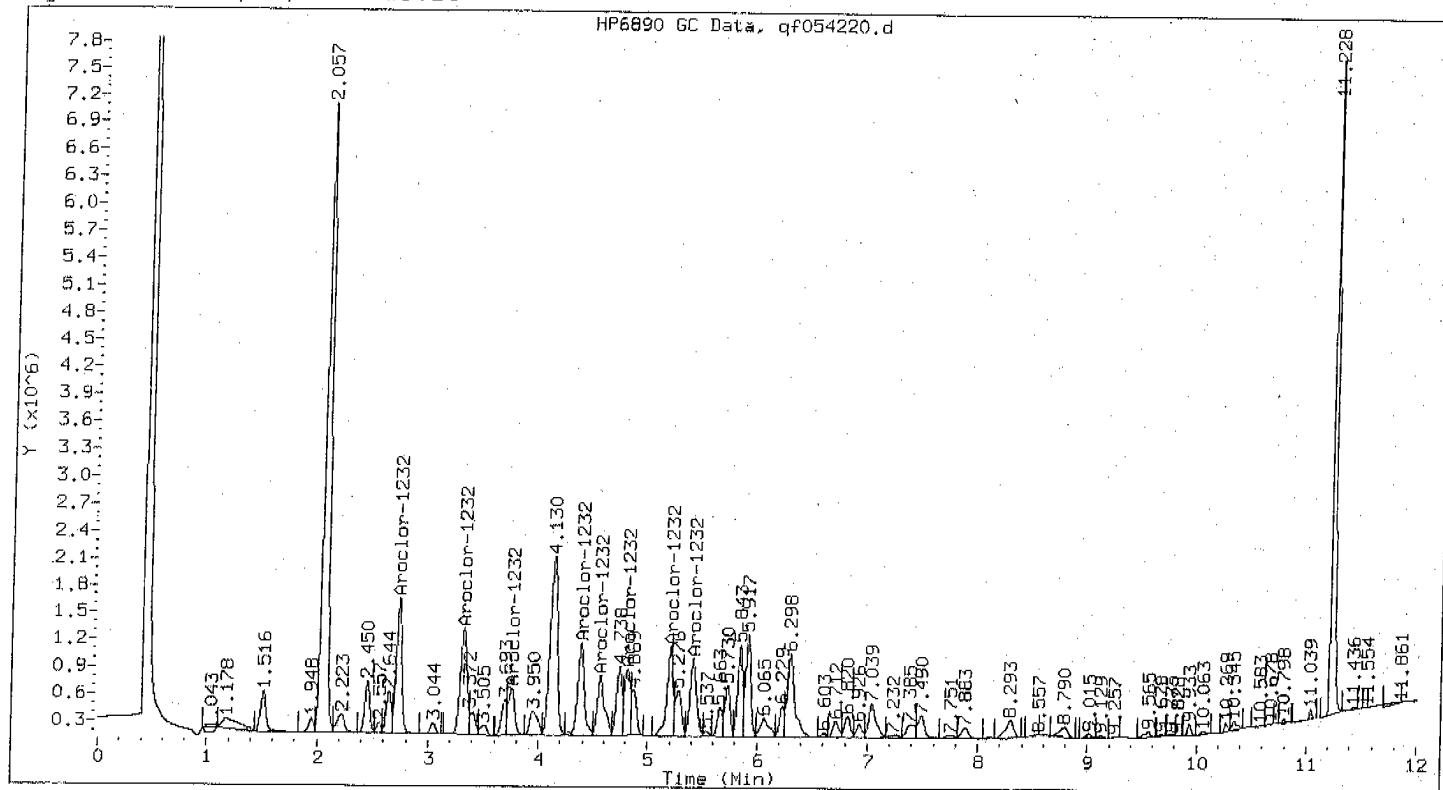
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054220.d

Compound	Midpoint Standard
	Response Factor
Aroclor-1232	5160.74
1	4935.06
2	2114.94
3	4271.09
4	2982.25
5	2668.76
6	3814.88
7	3536.76
8	

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/06Qf8082.m  
 Sample Info : 1232-1000 A  
 Lab ID : 1232-1000 A  
 Inj Date : 06-NOV-2006 19:20  
 Operator : 615  
 Cpnd Sublist: AR12320

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	CONCENTRATIONS		
				ON-COLUMN	FINAL	
Aroclor-1232	(M)	2.728	2.728	0.000	5160744	1000.000
(2)		3.315	3.315	0.000	4935055	1000.000
(3)		3.753	3.753	0.000	2114938	1000.000
(4)		4.380	4.380	0.000	4271086	1000.000
(5)		4.562	4.562	0.000	2982253	1000.000
(6)		4.811	4.811	0.000	2668760	1000.000
(7)		5.201	5.201	0.000	3814883	1000.000
(8)		5.409	5.409	0.000	3536763	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

## GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Primary Column

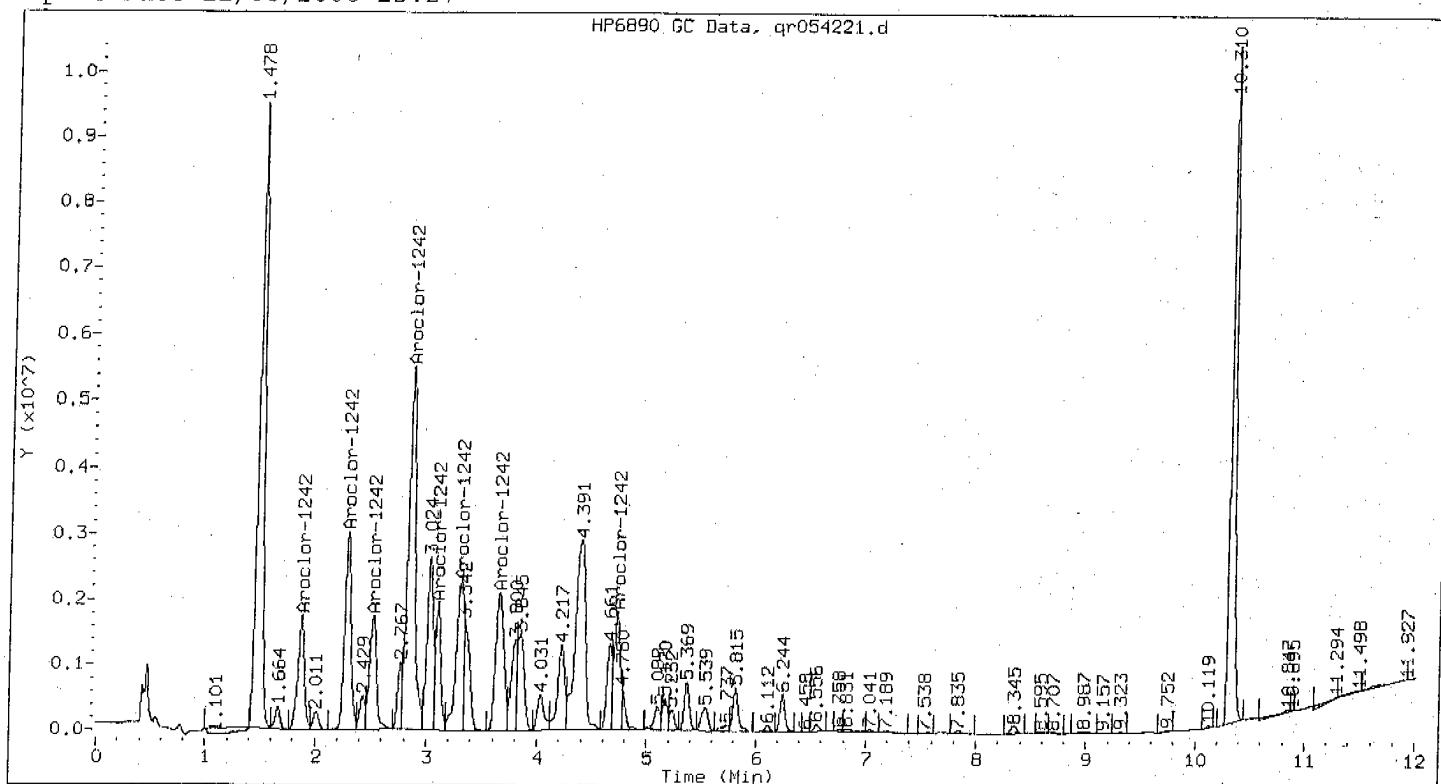
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/gr054221.d

Compound	Midpoint Standard
	Response Factor
<hr/>	
Aroclor-1242	7104.58
2	11894.53
3	7798.79
4	25370.46
5	6999.37
6	11133.26
7	10828.50
8	7335.37

## Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/06Qr8082.m  
 Sample Info : 1242-1000 A  
 Lab ID : 1242-1000 A  
 Inj Date : 06-NOV-2006 19:36  
 Operator : 615  
 Cpnd Sublist: AR12420

*11/6/06*  
 Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1242	(M)	1.873	1.873	7104582	1000.000	1000.000
(2)		2.284	2.284	11894533	1000.000	1000.000
(3)		2.519	2.519	7798788	1000.000	1000.000
(4)		2.848	2.848	25370463	1000.000	1000.000
(5)		3.101	3.101	6999374	1000.000	1000.000
(6)		3.304	3.304	11133261	1000.000	1000.000
(7)		3.651	3.651	10828498	1000.000	1000.000
(8)		4.726	4.726	7335372	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

## GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

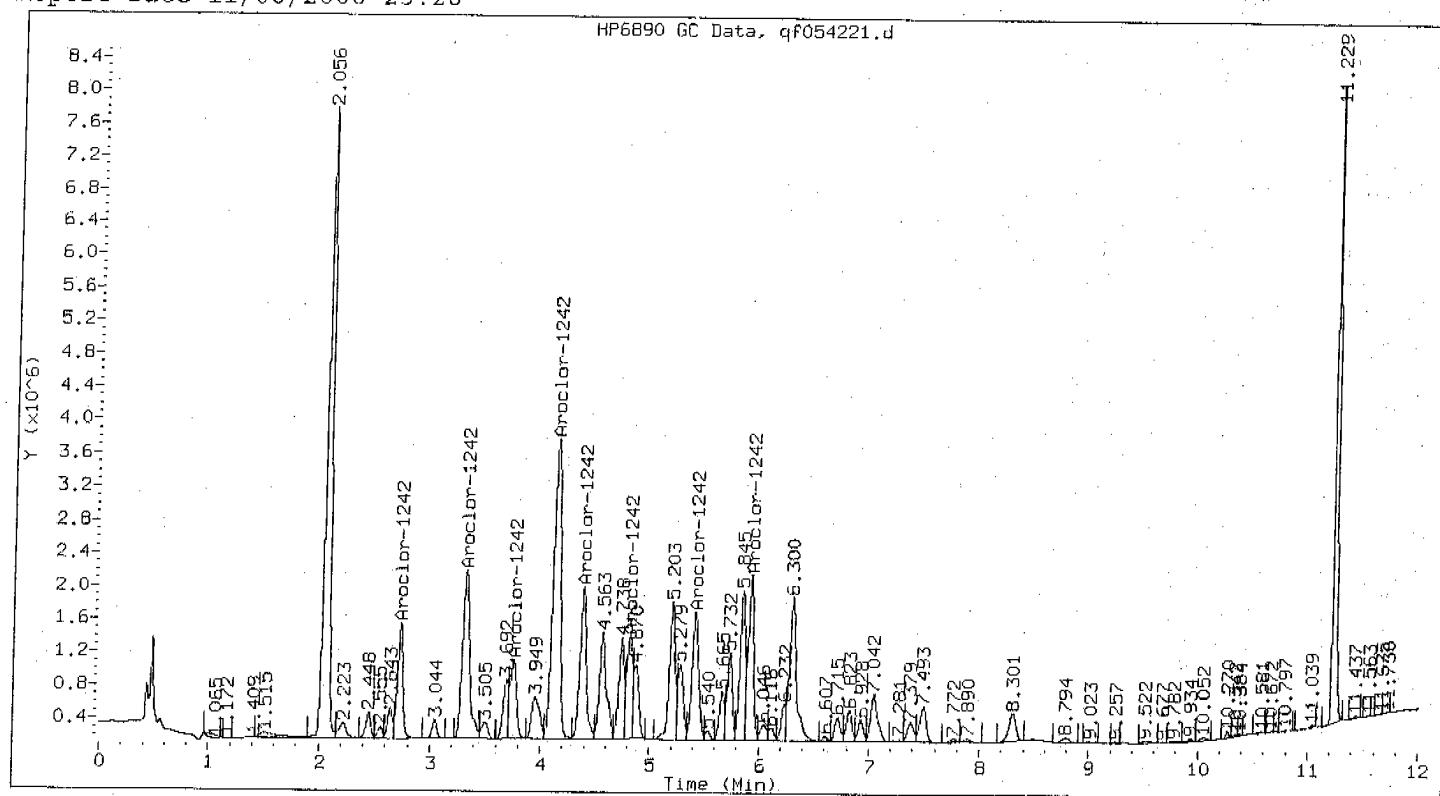
## Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054221.d

Compound	Midpoint Standard	
	Response Factor	
Aroclor 1242	4766.10	
1	9206.63	
2	3710.67	
3	17052.27	
4	7559.98	
5	4378.22	
6	6479.41	
7	6874.20	
8		

## Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/06Qf8082.m  
 Sample Info : 1242-1000 A  
 Lab ID : 1242-1000 A  
 Inj Date : 06-NOV-2006 19:36  
 Operator : 615  
 Cpnd Sublist: AR12420

*11/8/06*

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	(M)	CONCENTRATIONS					
		RT	EXP RT	DLT RT	RESPONSE	(ug/L)	FINAL (ug/kg)
Aroclor-1242		2.726	2.726	0.000	4766100	1000.000	1000.000
(2)		3.315	3.315	0.000	9206626	1000.000	1000.000
(3)		3.753	3.753	0.000	3710670	1000.000	1000.000
(4)		4.131	4.131	0.000	17052271	1000.000	1000.000
(5)		4.381	4.381	0.000	7559983	1000.000	1000.000
(6)		4.812	4.812	0.000	4378217	1000.000	1000.000
(7)		5.411	5.411	0.000	6479409	1000.000	1000.000
(8)		5.919	5.919	0.000	6874199	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

## GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Primary Column

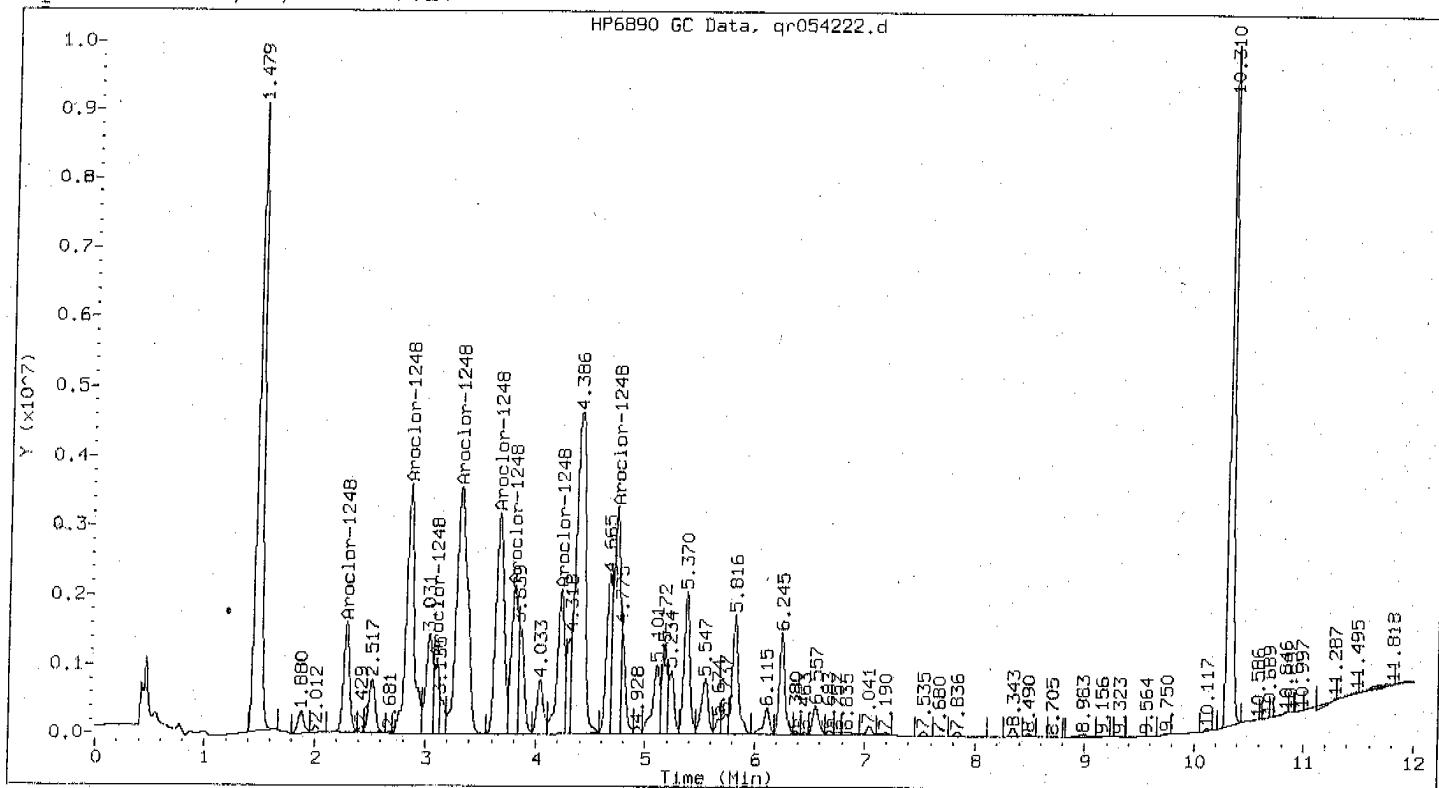
## Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/gr054222.d

Compound	Midpoint Standard
	Response Factor
Aroclor-1248	6103.69
2	18118.17
3	3210.39
4	24849.57
5	16124.33
6	9343.30
7	8966.31
8	13430.45

## Comments:

\* = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/06Qr8082.m  
 Sample Info : 1248-1000 A  
 Lab ID : 1248-1000 A  
 Inj Date : 06-NOV-2006 19:51  
 Operator : 615  
 Cpnd Sublist: AR12480

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1248	(M)	2.285	2.285	0.000	6103692.	1000.000
(2)		2.848	2.848	0.000	18118165	1000.000
(3)		3.101	3.101	0.000	3210385	1000.000
(4)		3.302	3.302	0.000	24849573	1000.000
(5)		3.653	3.653	0.000	16124333	1000.000
(6)		3.796	3.796	0.000	9343302	1000.000
(7)		4.218	4.218	0.000	8966314	1000.000
(8)		4.726	4.726	0.000	13430450	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

## GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i    Column ID: StxCLP2    Confirmatory Column

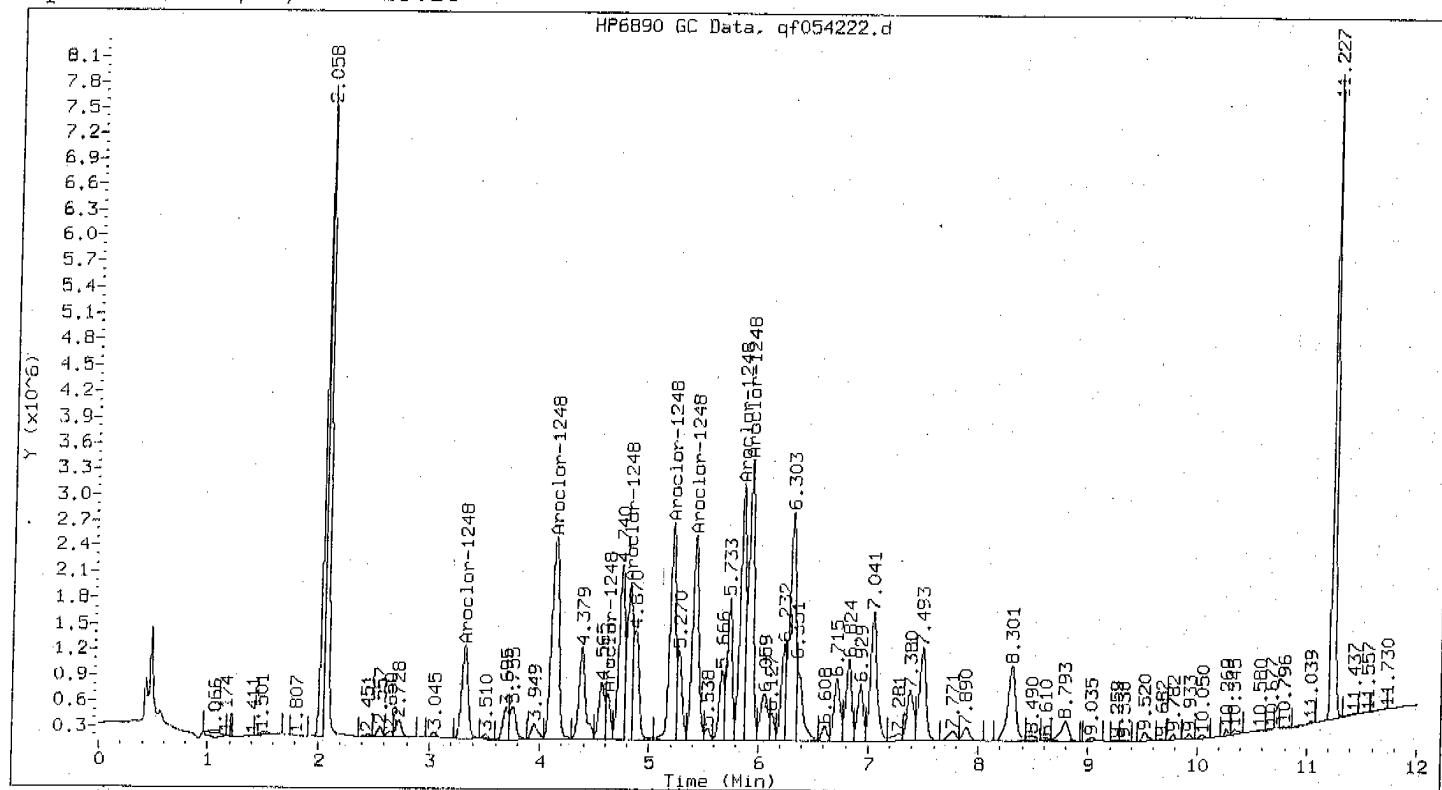
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054222.d

Compound	Midpoint Standard
	Response Factor
Aroclor-1248	4504.59
2	11295.23
3	1686.94
4	6736.12
5	9452.89
6	9707.51
7	9892.55
8	11420.78

## Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/06Qf8082.m  
 Sample Info : 1248-1000 A  
 Lab ID : 1248-1000 A  
 Inj Date : 06-NOV-2006 19:51  
 Operator : 615  
 Cpnd Sublist: AR12480

*11/06/06*  
 Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT (M)	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	3.315	3.315	0.000	4504589	1000.000	1000.000
(2)	4.129	4.129	0.000	11295230	1000.000	1000.000
(3)	4.620	4.620	0.000	1686943	1000.000	1000.000
(4)	4.813	4.813	0.000	6736120	1000.000	1000.000
(5)	5.204	5.204	0.000	9452889	1000.000	1000.000
(6)	5.412	5.412	0.000	9707515	1000.000	1000.000
(7)	5.845	5.845	0.000	9892550	1000.000	1000.000
(8)	5.919	5.919	0.000	11420783	1000.000	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i    Column ID: StxCLP2    Primary Column

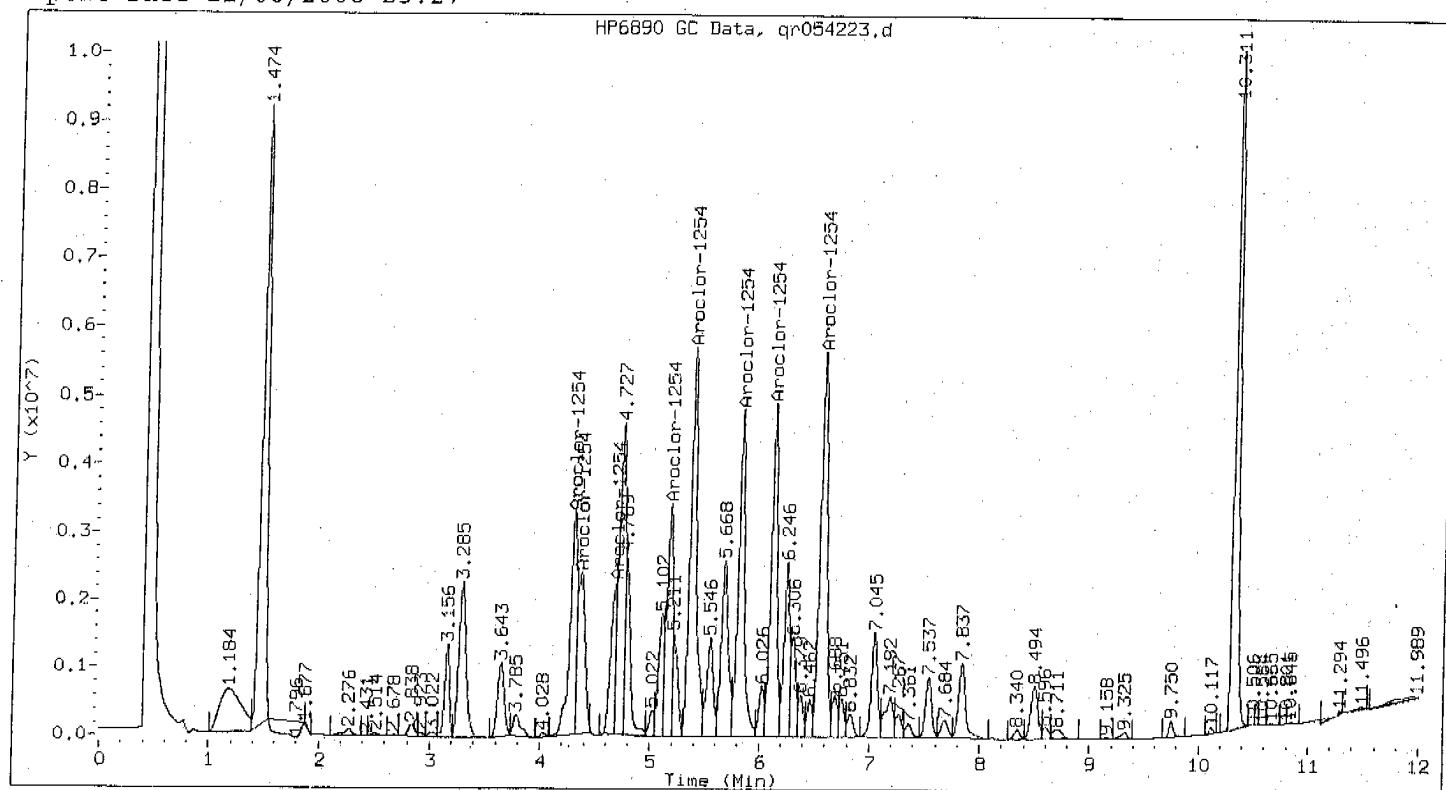
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054223.d

Compound	Midpoint Standard
	Response Factor
Aroclor-1254	13784.84
2	11283.80
3	6717.34
4	13447.53
5	24677.69
6	20137.21
7	19249.76
8	24918.81

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/06Qr8082.m  
 Sample Info : 1254-1000 A  
 Lab ID : 1254-1000 A  
 Inj Date : 06-NOV-2006 20:05  
 Operator : 615  
 Cpnd Sublist: AR12540

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
Aroclor-1254	(M)	4.292	4.292	0.000	13784837	1000.000
(2)		4.360	4.360	0.000	11283797	1000.000
(3)		4.682	4.682	0.000	6717337	1000.000
(4)		5.169	5.169	0.000	13447535	1000.000
(5)		5.368	5.368	0.000	24677691	1000.000
(6)		5.815	5.815	0.000	20137210	1000.000
(7)		6.115	6.115	0.000	19249760	1000.000
(8)		6.558	6.558	0.000	24918805	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i    Column ID: StxCLP2    Confirmatory Column

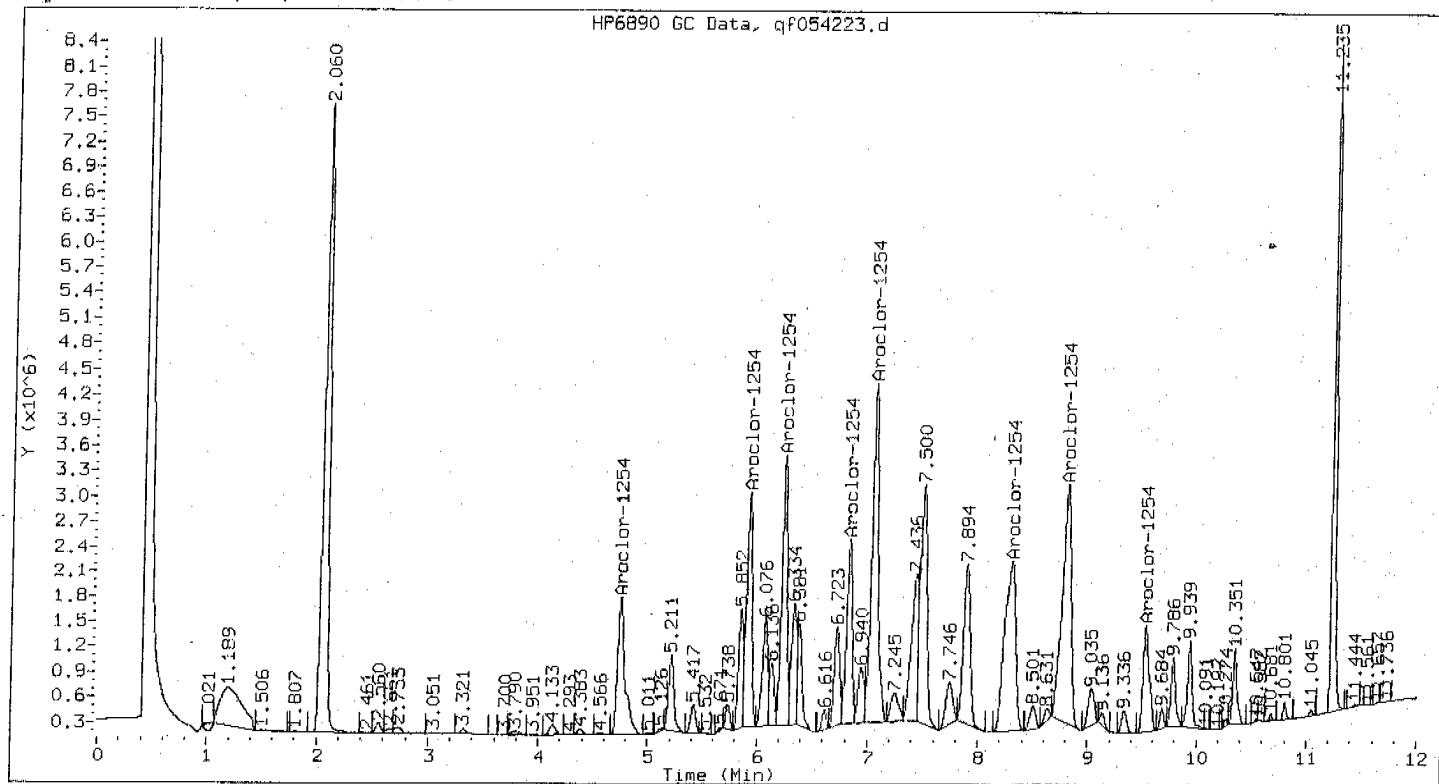
Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054223.d

Compound	Midpoint Standard
	Response Factor
<hr/>	
Aroclor-1254	7621.12
2	9538.73
3	10726.68
4	7572.01
5	16378.50
6	13990.56
7	16272.20
8	5087.13

Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/06Qf8082.m  
 Sample Info : 1254-1000 A  
 Lab ID : 1254-1000 A  
 Inj Date : 06-NOV-2006 20:05  
 Operator : 615  
 Cpnd Sublist: AR12540

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1254	4.746	4.746	0.000	7621116	1000.000	1000.000
(2)	5.921	5.921	0.000	9538727	1000.000	1000.000
(3)	6.237	6.237	0.000	10726679	1000.000	1000.000
(4)	6.831	6.831	0.000	7572008	1000.000	1000.000
(5)	7.049	7.049	0.000	16378496	1000.000	1000.000
(6)	8.300	8.300	0.000	13990560	1000.000	1000.000
(7)	8.804	8.804	0.000	16272200	1000.000	1000.000
(8)	9.528	9.528	0.000	5087128	1000.000	1000.000
Average of peak concentrations:					1000.00	

## GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i    Column ID: STxCLP2    Primary Column

Midpoint Calibration File:

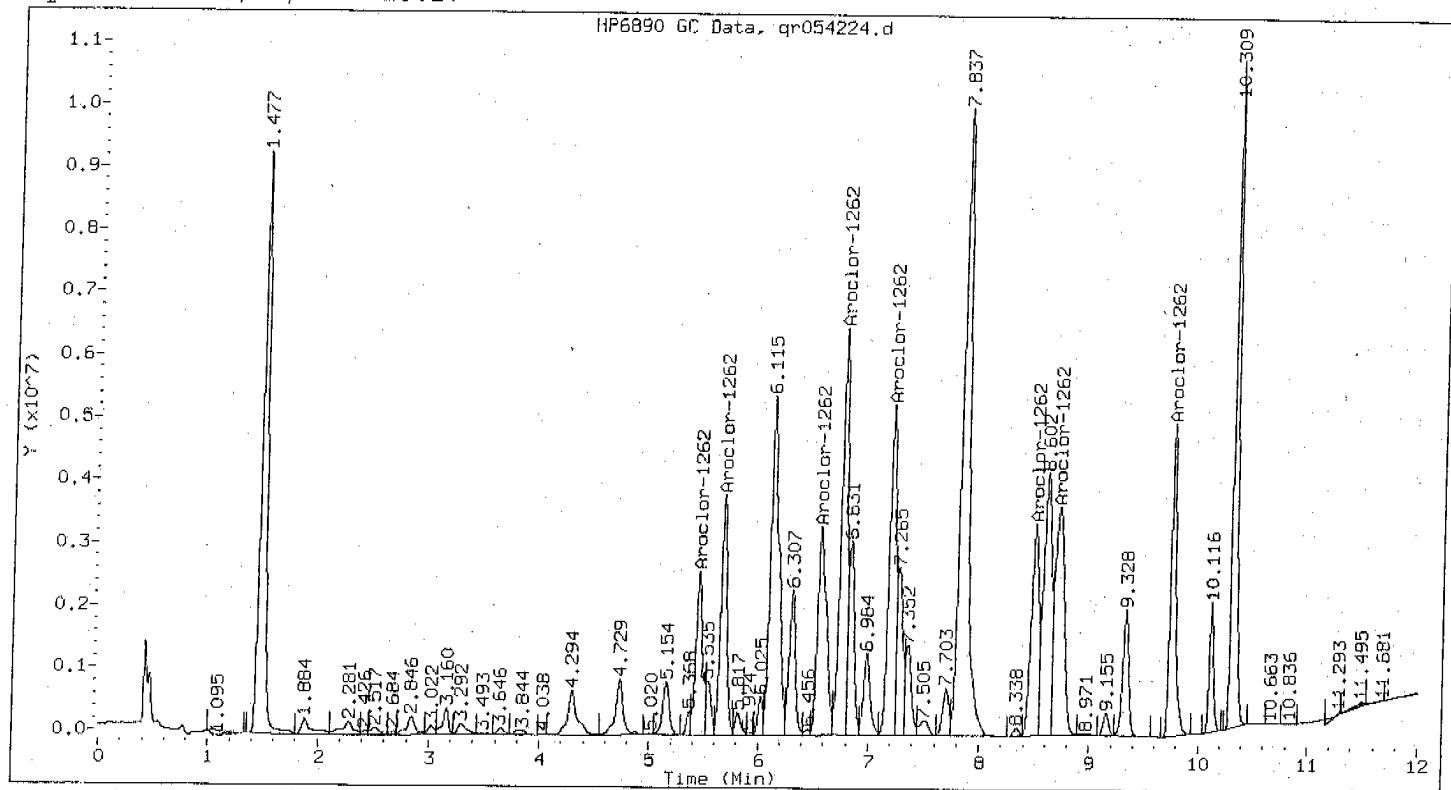
/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054224.d

Compound	Midpoint Standard
	Response Factor
Aroclor-1262	11108.53
2	15069.49
3	18475.73
4	25702.39
5	22164.10
6	15824.12
7	22505.82
8	17091.12

## Comments:

+ = Multi-component peak not used in calibration of compound.

Data File: /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054224.d Page 1  
 Report Date 11/06/2006 23:27



Method : /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/06Qr8082.m  
 Sample Info : 1262-1000 A  
 Lab ID : 1262-1000 A  
 Inj Date : 06-NOV-2006 20:26  
 Operator : 615  
 Cpnd Sublist: AR12620

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1262	5.445	5.445	0.000	11108528	1000.000	1000.000
(2)	5.668	5.668	0.000	15069488	1000.000	1000.000
(3)	6.555	6.555	0.000	18475731	1000.000	1000.000
(4)	6.755	6.755	0.000	25702391	1000.000	1000.000
(5)	7.195	7.195	0.000	22164101	1000.000	1000.000
(6)	8.494	8.494	0.000	15824117	1000.000	1000.000
(7)	8.712	8.712	0.000	22505816	1000.000	1000.000
(8)	9.751	9.751	0.000	17091116	1000.000	1000.000

Average of peak concentrations: 1000.00

## GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

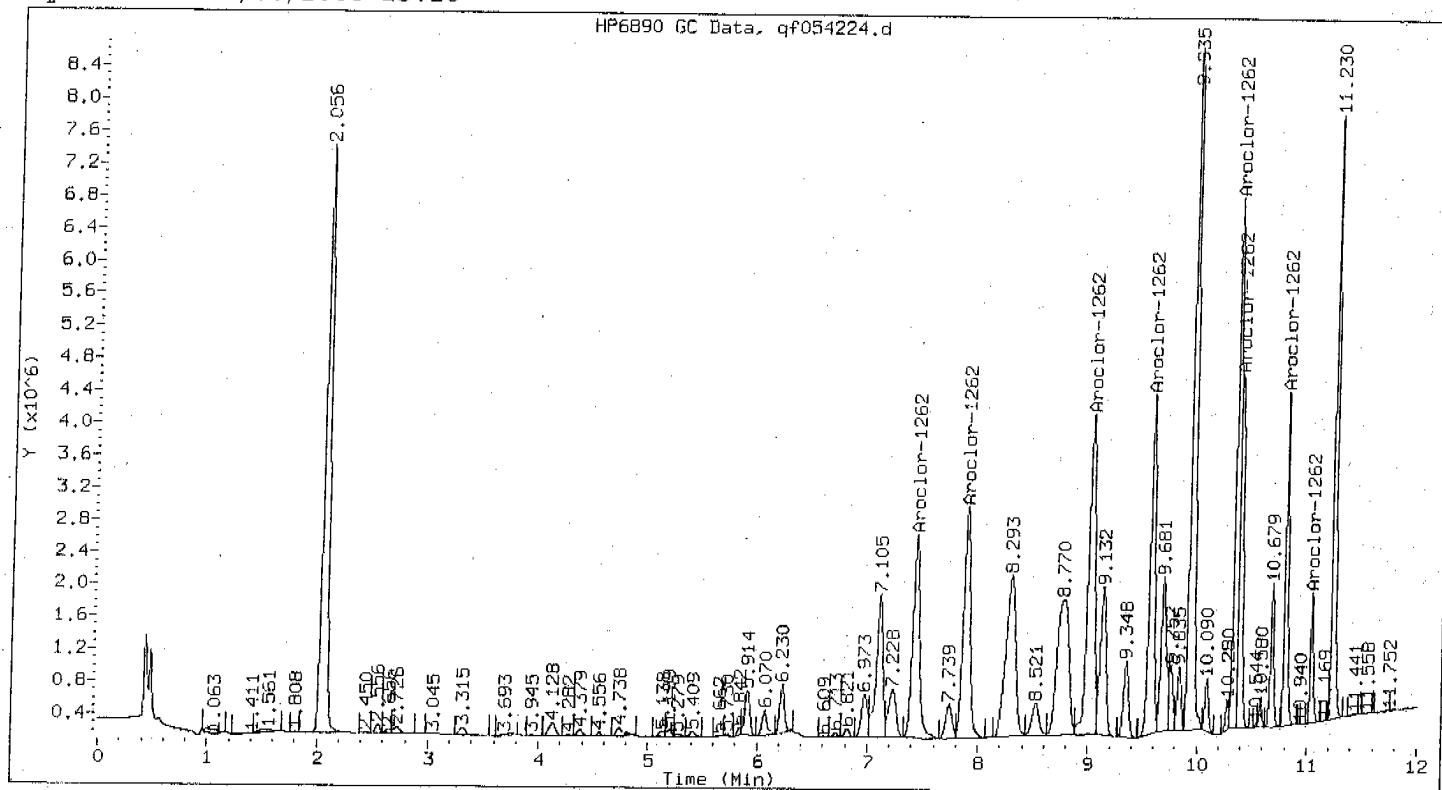
## Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054224.d

Compound	Midpoint Standard
	Response Factor
Aroclor-1262	10916.54
1	12544.54
2	16851.84
3	13132.92
4	15155.51
5	10805.66
6	8132.02
7	3026.44
8	

## Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/06Qf8082.m  
 Sample Info : 1262-1000 A  
 Lab ID : 1262-1000 A  
 Inj Date : 06-NOV-2006 20:26  
 Operator : 615  
 Cpnd Sublist: AR12620

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
Aroclor-1262	7.428	7.428	0.000	10916536	1000.000	1000.000
(2)	7.885	7.885	0.000	12544538	1000.000	1000.000
(3)	9.015	9.015	0.000	16851836	1000.000	1000.000
(4)	9.569	9.569	0.000	13132925	1000.000	1000.000
(5)	10.342	10.342	0.000	15155514	1000.000	1000.000
(6)	10.380	10.380	0.000	10805664	1000.000	1000.000
(7)	10.800	10.800	0.000	8132018	1000.000	1000.000
(8)	11.040	11.040	0.000	3026438	1000.000	1000.000

Average of peak concentrations: 1000.00

## GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i    Column ID: StxCLP2    Primary Column

Midpoint Calibration File:

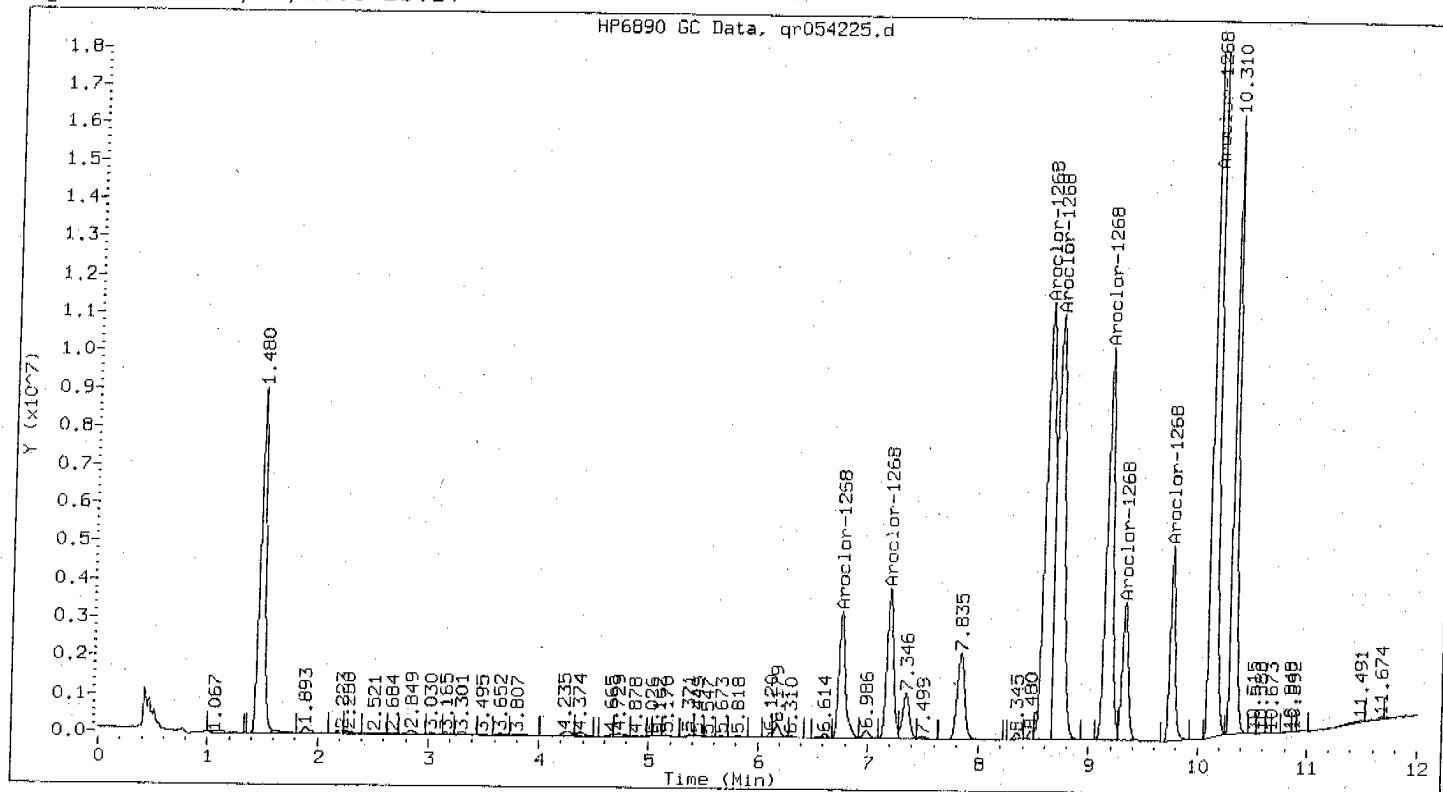
/chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/gr054225.d

Compound	Midpoint Standard	
	Response Factor	
Aroclor-1268	14152.20	
2	16795.46	
3	55489.54	
4	61944.89	
5	43845.06	
6	14663.29	
7	16963.01	
8	93047.23	

## Comments:

+ = Multi-component peak not used in calibration of compound.

Data File: /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054225.d Page 1  
 Report Date 11/06/2006 23:27



Method : /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/06Qr8082.m  
 Sample Info : 1268-1000 A  
 Lab ID : 1268-1000 A  
 Inj Date : 06-NOV-2006 20:40  
 Operator : 615  
 Cpnd Sublist: AR12680

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	CONCENTRATIONS					
	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)
Aroclor-1268	6.760	6.760	0.000	141521.96	1000.000	1000.000
(2)	7.192	7.192	0.000	16795458	1000.000	1000.000
(3)	8.608	8.608	0.000	55489538	1000.000	1000.000
(4)	8.705	8.705	0.000	61944890	1000.000	1000.000
(5)	9.162	9.162	0.000	43845055	1000.000	1000.000
(6)	9.321	9.321	0.000	14663288	1000.000	1000.000
(7)	9.754	9.754	0.000	16963010	1000.000	1000.000
(8)	10.119	10.119	0.000	93047227	1000.000	1000.000

Average of peak concentrations: 1000.00

## GC ORGANICS SINGLE POINT CALIBRATION SUMMARY

Instrument ID: PESTGC8.i Column ID: StxCLP2 Confirmatory Column

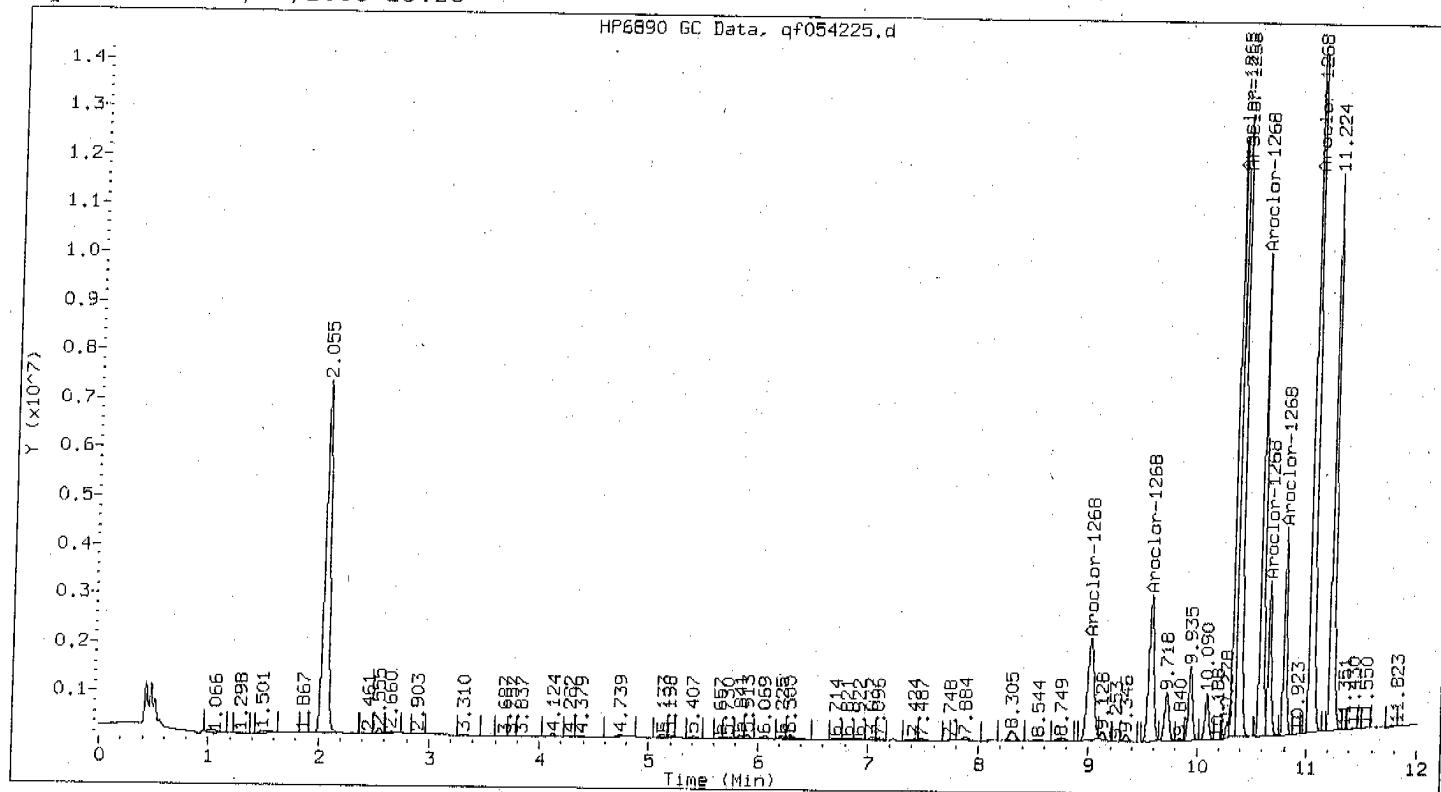
## Midpoint Calibration File:

/chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054225.d

Compound	Midpoint Standard
	Response Factor
Aroclor-1268	8523.22
2	9482.85
3	22242.57
4	29980.91
5	18546.73
6	6618.44
7	7978.79
8	45148.66

## Comments:

+ = Multi-component peak not used in calibration of compound.



Method : /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/06Qf8082.m  
 Sample Info : 1268-1000 A  
 Lab ID : 1268-1000 A  
 Inj Date : 06-NOV-2006 20:40  
 Operator : 615  
 Cpnd Sublist: AR12680

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: CALIB\_3

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1268	(M)	9.013	9.013	0.000	8523222	1000.000
(2)		9.567	9.567	0.000	9482851	1000.000
(3)		10.337	10.337	0.000	22242566	1000.000
(4)		10.377	10.377	0.000	29980910	1000.000
(5)		10.580	10.580	0.000	18546727	1000.000
(6)		10.655	10.655	0.000	6618442	1000.000
(7)		10.795	10.795	0.000	7978794	1000.000
(8)		11.036	11.036	0.000	45148663	1000.000

Average of peak concentrations: 1000.00

COMMENTS:

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/qr055648.d  
 Method: /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m

Sample Information: 1660-1000 A  
 Injection Date: 16-DEC-2006 00:53

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
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Aroclor-1016	1	1.869	1000	1087.43	8.74
Aroclor-1016	2	2.282	1000	1029.64	2.96
Aroclor-1016	3	2.516	1000	1060.88	6.09
Aroclor-1016	4	2.846	1000	1046.88	4.69
Aroclor-1016	5	3.022	1000	1094.58	9.46
Aroclor-1016	6	3.098	1000	1103.90	10.39
Aroclor-1016	7	3.647	1000	1042.12	4.21
Aroclor-1016	8	3.793	1000	1029.99	3.00

Aroclor-1260	1	5.662	1000	1037.42	3.74
Aroclor-1260	2	6.108	1000	1030.53	3.05
Aroclor-1260	3	6.549	1000	1044.43	4.44
Aroclor-1260	4	6.746	1000	1053.55	5.36
Aroclor-1260	5	7.185	1000	1064.64	6.46
Aroclor-1260	6	8.482	1000	1043.16	4.32
Aroclor-1260	7	8.701	1000	1108.86	10.89
Aroclor-1260	8	9.743	1000	1085.50	8.55

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
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Tetrachloro-m-xylene(s	1.475	100	115.04	15.04<-
Decachlorobiphenyl(sur	10.299	100	94.98	5.02

## GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054214.d  
 Injection Date: 06-NOV-2006 17:51

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/qr055648.d  
 Injection Date: 16-DEC-2006 00:53

Compound	Init Cal		RT	Cont Cal	Flags
	RT	Range			
Aroclor-1016	1.874	( 1.804 - 1.944 )	1.869		
	2.286	( 2.216 - 2.356 )	2.282		
	2.521	( 2.451 - 2.591 )	2.516		
	2.849	( 2.779 - 2.919 )	2.846		
	3.024	( 2.954 - 3.094 )	3.022		
	3.102	( 3.032 - 3.172 )	3.098		
	3.651	( 3.581 - 3.721 )	3.647		
	3.796	( 3.726 - 3.866 )	3.793		
Aroclor-1260	5.667	( 5.597 - 5.737 )	5.662		
	6.113	( 6.043 - 6.183 )	6.108		
	6.554	( 6.484 - 6.624 )	6.549		
	6.753	( 6.683 - 6.823 )	6.746		
	7.192	( 7.122 - 7.262 )	7.185		
	8.491	( 8.421 - 8.561 )	8.482		
	8.712	( 8.642 - 8.782 )	8.701		
	9.748	( 9.678 - 9.818 )	9.743		
Tetrachloro-m-xylene(surr)	1.480	( 1.430 - 1.530 )	1.475		
Decachlorobiphenyl(surr)	10.308	( 10.208 - 10.408 )	10.299		

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b/qf055648.d  
 Method: /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b/06Qf8082.m

Sample Information: 1660-1000 A  
 Injection Date: 16-DEC-2006 00:53

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.715	1000	1034.78	3.48
Aroclor-1016	2	3.302	1000	1054.89	5.49
Aroclor-1016	3	3.736	1000	1033.69	3.37
Aroclor-1016	4	4.114	1000	1072.85	7.29
Aroclor-1016	5	4.363	1000	1090.14	9.01
Aroclor-1016	6	4.793	1000	987.50	1.25
Aroclor-1016	7	5.183	1000	1068.03	6.80
Aroclor-1016	8	5.392	1000	1098.61	9.86

Aroclor-1260	1	7.403	1000	1055.08	5.51
Aroclor-1260	2	7.858	1000	1055.30	5.53
Aroclor-1260	3	8.756	1000	1097.03	9.70
Aroclor-1260	4	8.987	1000	1098.78	9.88
Aroclor-1260	5	9.107	1000	1133.11	13.31
Aroclor-1260	6	9.548	1000	1112.27	11.23
Aroclor-1260	7	10.330	1000	1011.16	1.12
Aroclor-1260	8	10.776	1000	1088.45	8.84

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
Tetrachloro-m-xylene(s)	2.048	100	113.85	13.85
Decachlorobiphenyl(sur)	11.194	100	107.05	7.05

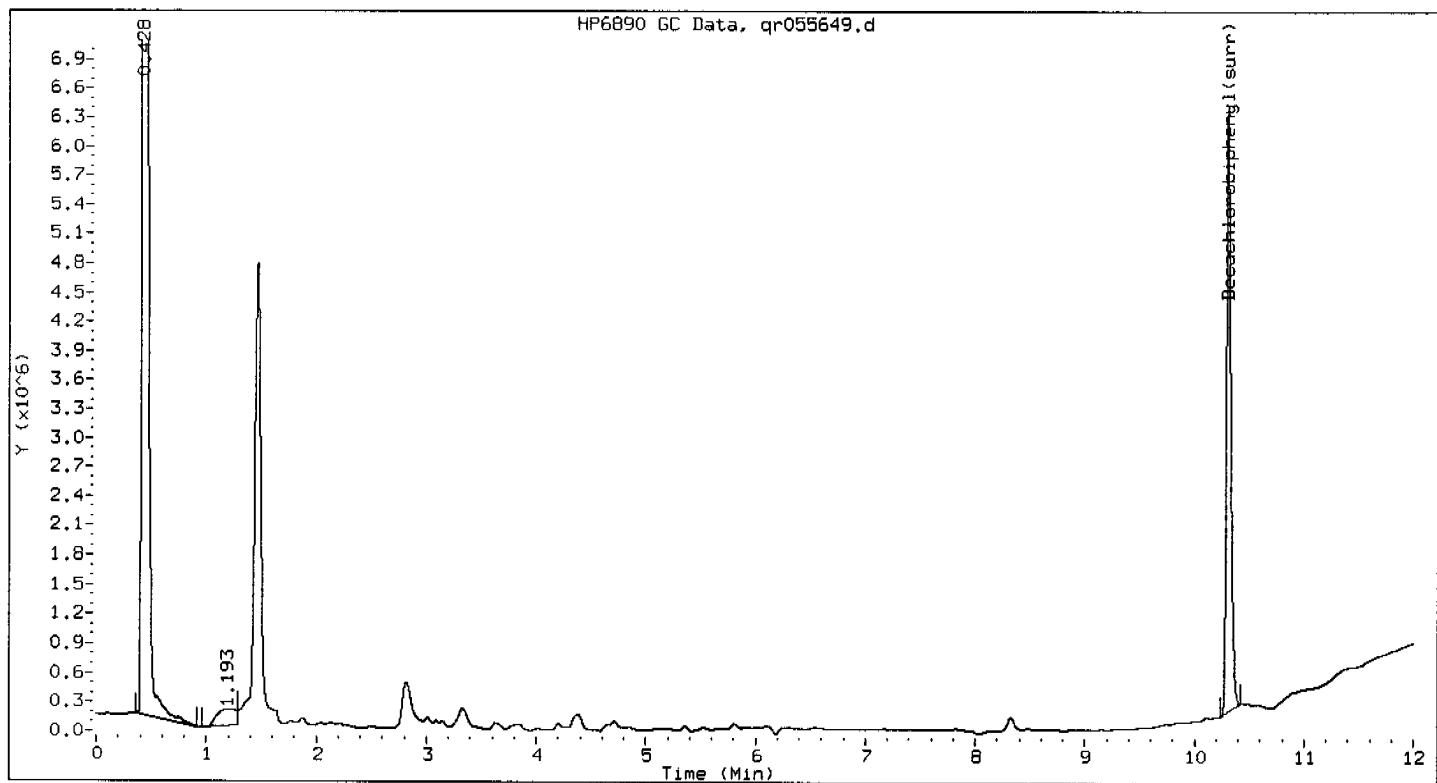
## GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054214.d  
 Injection Date: 06-NOV-2006 17:51

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b/qf055648.d  
 Injection Date: 16-DEC-2006 00:53

Compound	Init Cal		Cont Cal	Flags
	RT	Range		
Aroclor-1016	2.727	( 2.657 - 2.797 )	2.715	
	3.316	( 3.246 - 3.386 )	3.302	
	3.754	( 3.684 - 3.824 )	3.736	
	4.131	( 4.061 - 4.201 )	4.114	
	4.380	( 4.310 - 4.450 )	4.363	
	4.810	( 4.740 - 4.880 )	4.793	
	5.201	( 5.131 - 5.271 )	5.183	
	5.408	( 5.338 - 5.478 )	5.392	
Aroclor-1260	7.424	( 7.354 - 7.494 )	7.403	
	7.882	( 7.812 - 7.952 )	7.858	
	8.784	( 8.714 - 8.854 )	8.756	
	9.011	( 8.941 - 9.081 )	8.987	
	9.129	( 9.059 - 9.199 )	9.107	
	9.566	( 9.496 - 9.636 )	9.548	
	10.345	( 10.275 - 10.415 )	10.330	
	10.798	( 10.728 - 10.868 )	10.776	
Tetrachloro-m-xylene(surr)	2.057	( 2.007 - 2.107 )	2.048	
Decachlorobiphenyl(surr)	11.230	( 11.130 - 11.330 )	11.194	



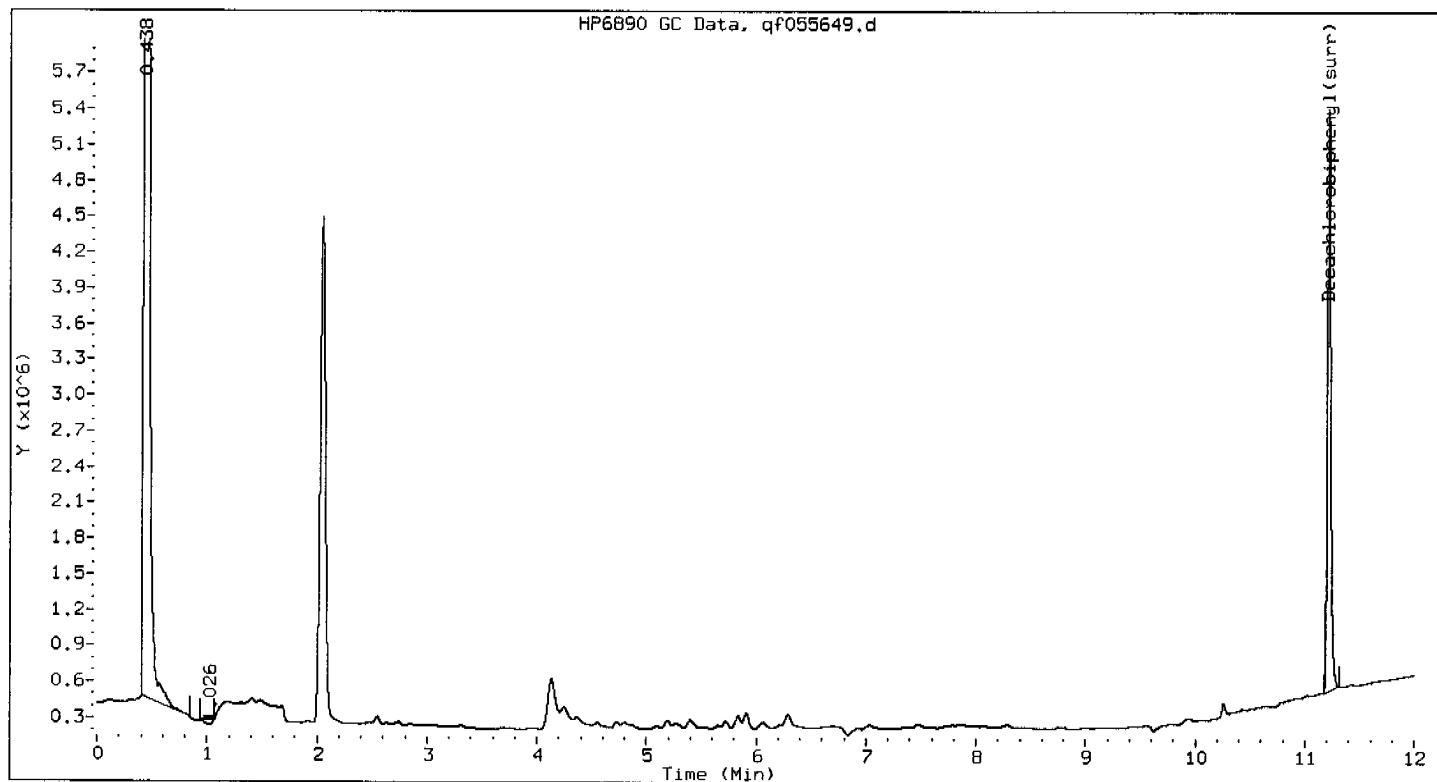
Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
Sample Info : sp349b;mb65897  
Lab ID : sp349b  
Inj Date : 16-DEC-2006 01:13  
Operator : 615  
Cpnd Sublist: PCB8082+  
*12/21/06*

Inst ID : PESTGC8.i  
Dil Factor : 1  
Sample Matrix : SOIL  
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN ( $\mu\text{g}/\text{L}$ )	FINAL ( $\mu\text{g}/\text{kg}$ )
Decachlorobiphenyl (surr)	(M) 10.304	10.299	0.005	16786292	60.129	40.086

COMMENTS:

M - Compound response manually integrated.



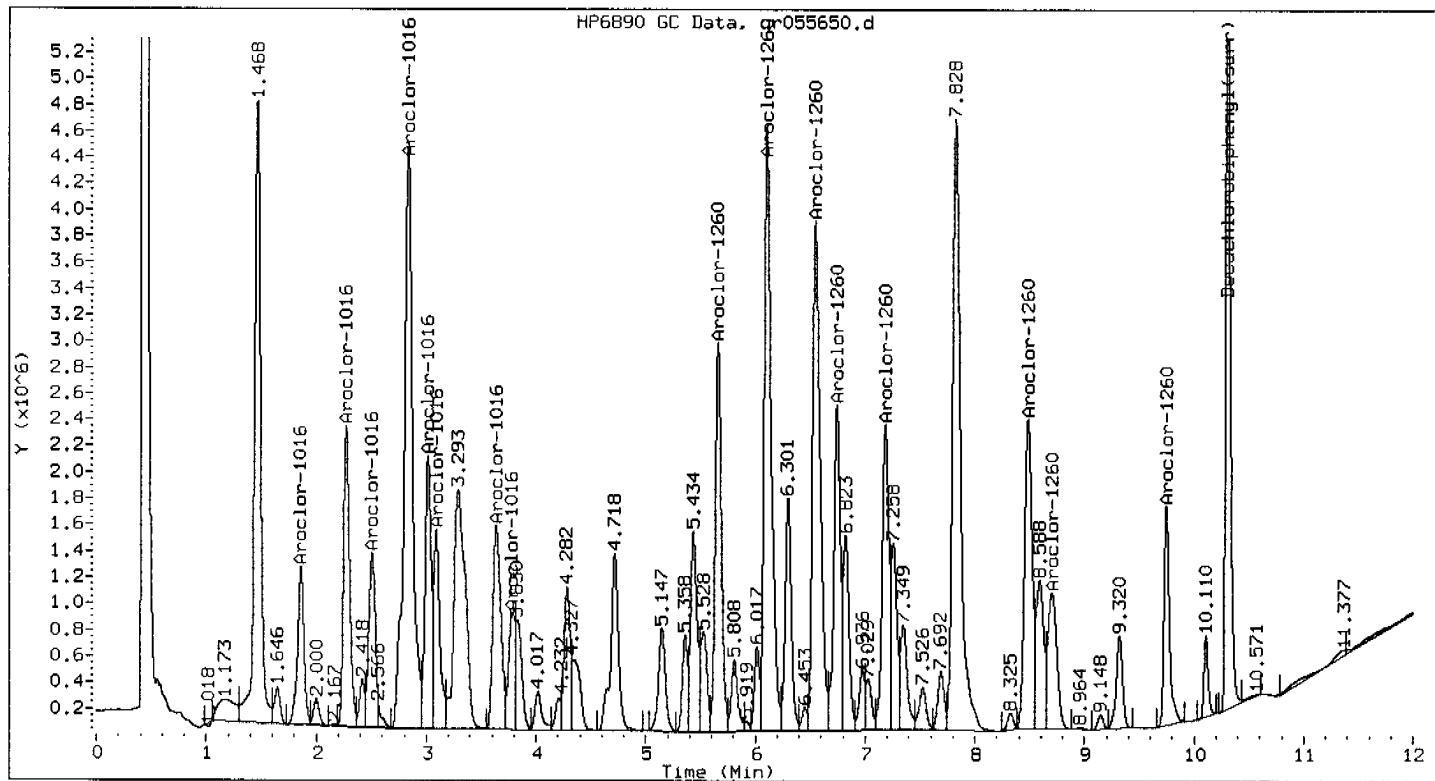
Method : /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b/06Qf8082.m  
Sample Info : sp349b;mb65897  
Lab ID : sp349b  
Inj Date : 16-DEC-2006 01:13  
Operator : 615  
Cpnd Sublist: PCB8082+ *R. B. He*

Inst ID : PESTGC8.i  
Dil Factor : 1  
Sample Matrix : SOIL  
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Decachlorobiphenyl (surr)	(M) 11.215	11.194	0.021	9963991	68.120	45.413

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
 Sample Info : 4688bs;bs53080  
 Lab ID : 4688bs  
 Inj Date : 16-DEC-2006 01:29  
 Operator : 615  
 Cpnd Sublist: PCB8082+ *12/21/06*

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: BS

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1016	(M)	1.861	1.869	4978425	647.171	431.447
(2)		2.273	2.282	0.008	8850055	621.571
(3)		2.508	2.516	0.008	5583468	621.343
(4)		2.837	2.846	0.008	24051531	784.131
(5)		3.014	3.022	0.008	8009950	673.573
(6)		3.090	3.098	0.008	5902435	789.062
(7)		3.637	3.647	0.010	7978712	629.792
(8)		3.786	3.793	0.008	3571898	682.242

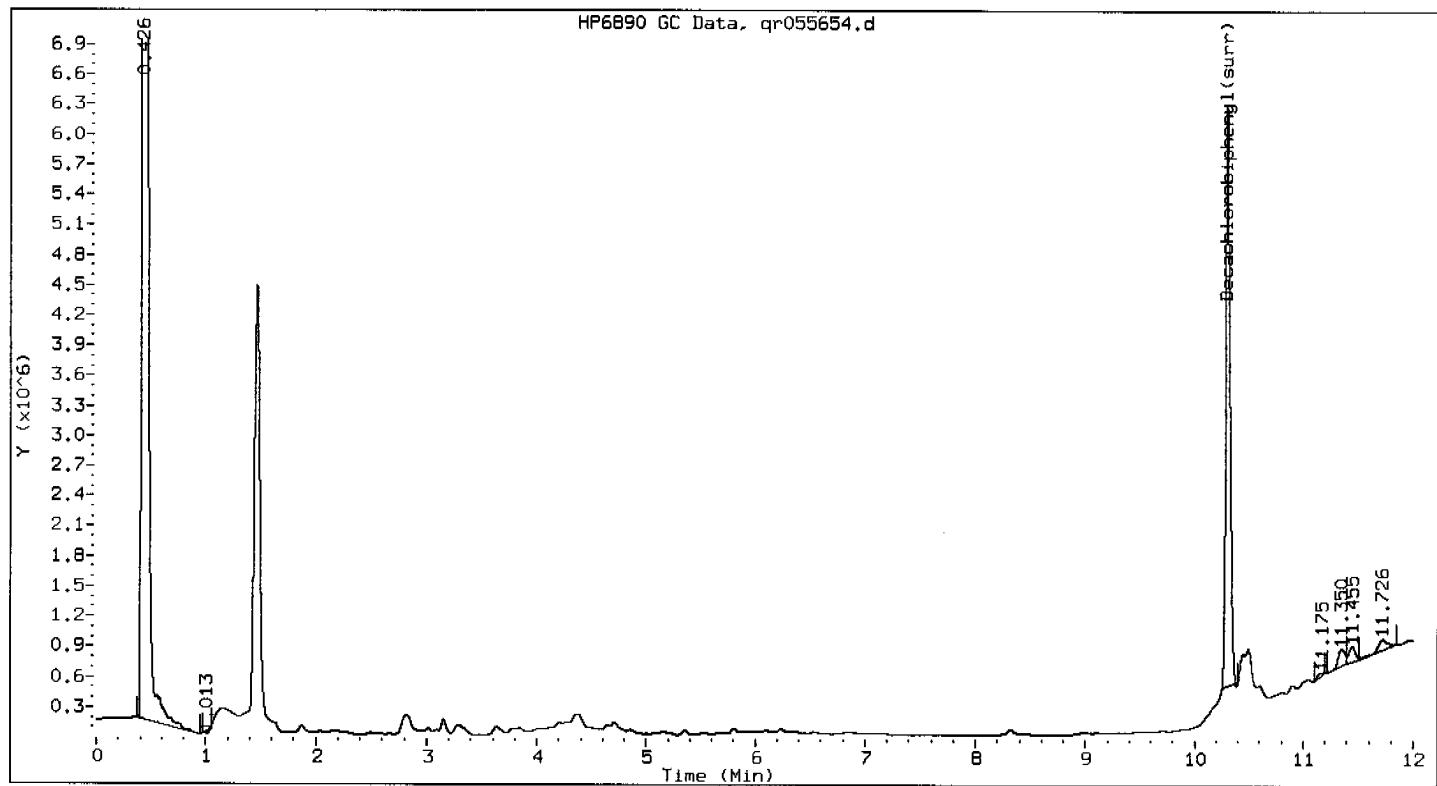
Average of peak concentrations: 450.00

Aroclor-1260	5.658	5.662	0.003	11776359	631.086	420.724
(2)	6.107	6.108	0.001	20670427	614.525	409.683
(3)	6.548	6.549	0.001	18951677	617.560	411.707
(4)	6.746	6.746	0.000	10148579	630.599	420.399
(5)	7.186	7.185	0.001	9875505	634.423	422.948
(6)	8.484	8.482	0.002	11556967	603.374	402.249

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
(7)	8.704	8.701	0.003	6299723	634.202	422.801
(8)	9.746	9.743	0.002	5726737	641.551	427.701
Average of peak concentrations:						420.00
Decachlorobiphenyl(surr)	10.303	10.299	0.003	16930664	60.646	40.431

COMMENTS:

M - Compound response manually integrated.



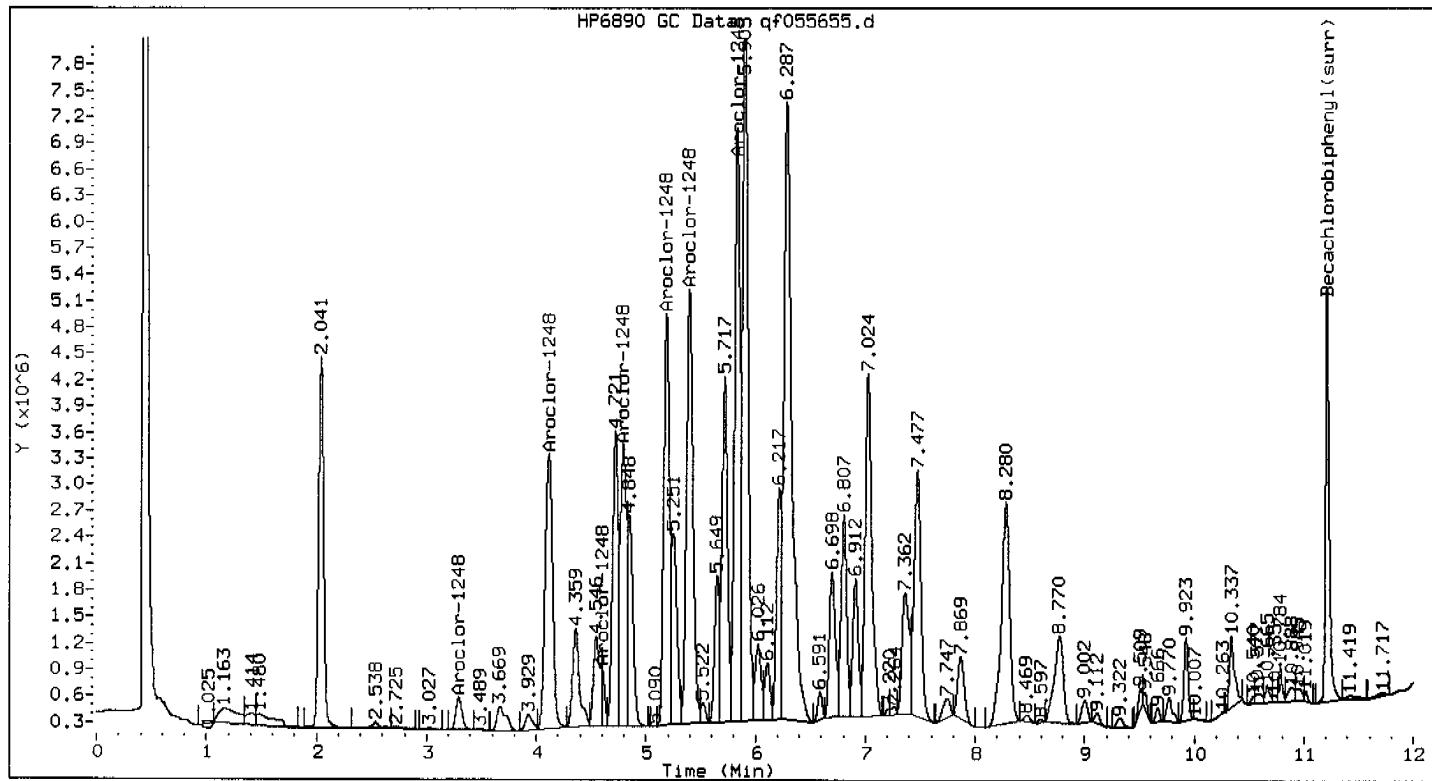
Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
Sample Info : 792850;3398760  
Lab ID : 792850  
Inj Date : 16-DEC-2006 02:31  
Operator : 615  
Cpnd Sublist: PCB8082+  
*12/18/06*

Inst ID : PESTGC8.i  
Dil Factor : 1  
Sample Matrix : SOIL  
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	CONCENTRATIONS	
				ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl(surr)	(M)	10.301	10.299	0.001	15053922
				53.924	41.464

COMMENTS:

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b/06QF8082.m  
 Sample Info : 792851;3398762  
 Lab ID : 792851  
 Inj Date : 16-DEC-2006 02:46  
 Operator : 615  
 Cpnd Sublist: PCB8082+      *12/18/06*

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN	FINAL
					(ug/L)	(ug/kg)
Aroclor-1248 (M)	3.295	3.315	0.021	1459686	324.044	227.879
(2)	4.115	4.129	0.014	14945374	1323.158	930.491
(3)	4.603	4.620	0.017	1090279	646.305	454.504
(4)	4.794	4.813	0.019	12394980	1840.077	1294.006
(5)	5.186	5.204	0.018	16891000	1786.861	1256.583
(6)	5.394	5.412	0.018	20234963	2084.464	1465.868
(7)	5.829	5.845	0.016	22251624	2249.331	1581.808
(8)	-----	5.919	-----	-----	-----	(*)

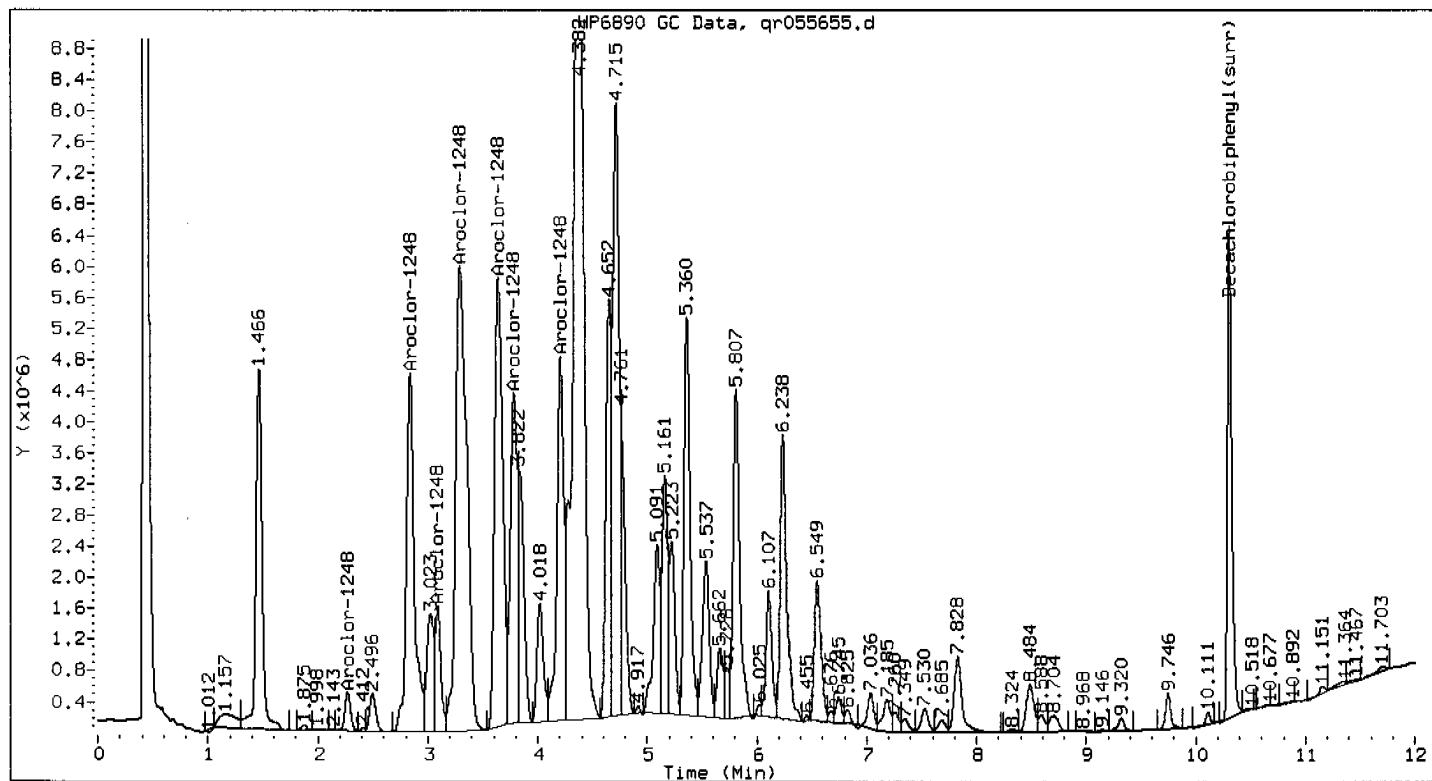
Average of peak concentrations: 1000.00

Decachlorobiphenyl (surr) 11.207 11.194 0.013 10435792 71.345 50.173

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
 Sample Info : 792851;3398762  
 Lab ID : 792851  
 Inj Date : 16-DEC-2006 02:46  
 Operator : 615  
 Cpnd Sublist: PCB8082+  
*12/18/06*

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248 (M)	2.271	2.285	0.014	1820470	298.257	209.745
(2)	2.838	2.848	0.010	23221988	1281.696	901.334
(3)	3.089	3.101	0.012	5724641	1783.163	1253.983
(4)	3.291	3.302	0.011	42881747	1725.653	1213.540
(5)	3.637	3.653	0.016	30123203	1868.183	1313.771
(6)	3.782	3.796	0.014	18162806	1943.939	1367.045
(7)	4.206	4.218	0.012	20452294	2281.015	1604.089
(8)	-----	4.726	-----	-----	-----	(*)

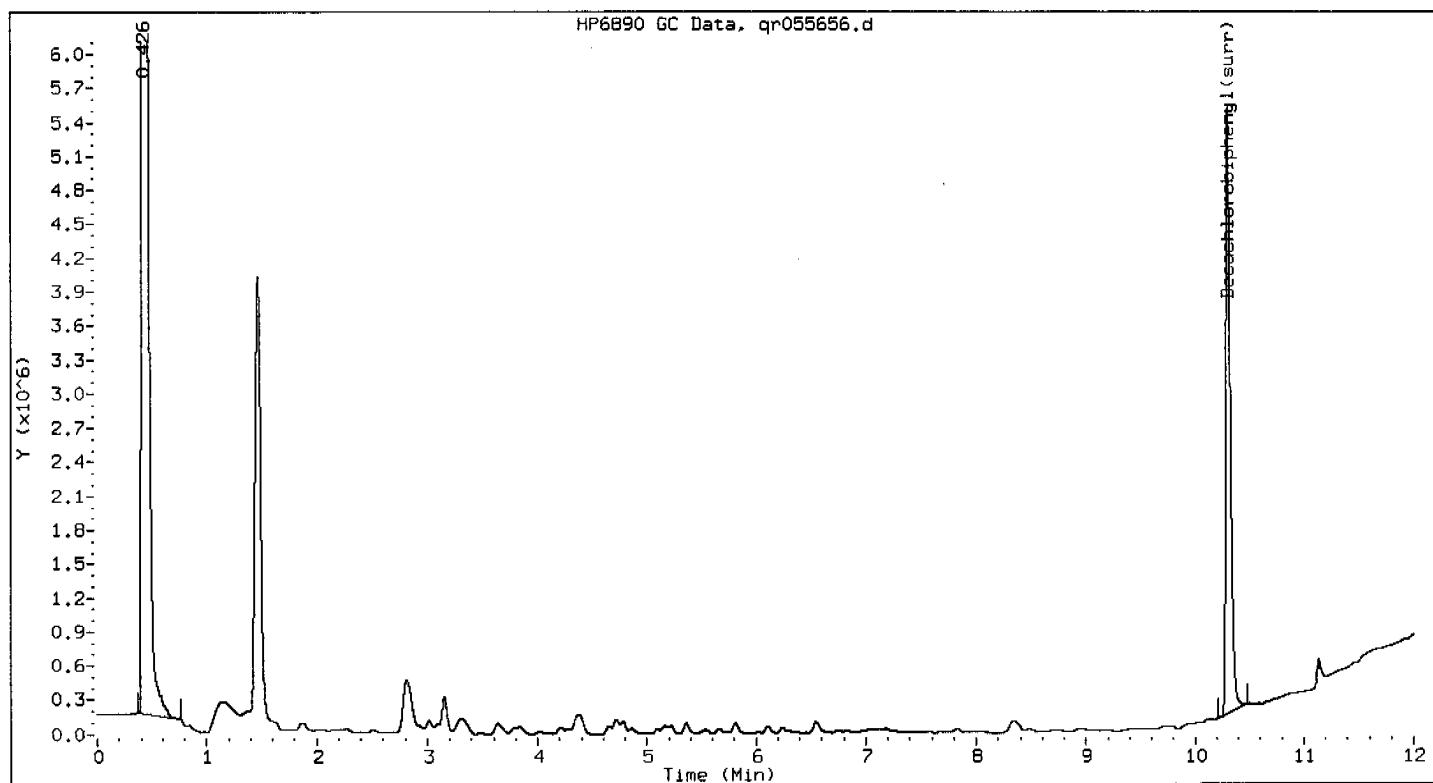
Average of peak concentrations: 1100.00

Decachlorobiphenyl(surr) 10.304 10.299 0.005 17230814 61.722 43.405

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.

M - Compound response manually integrated.

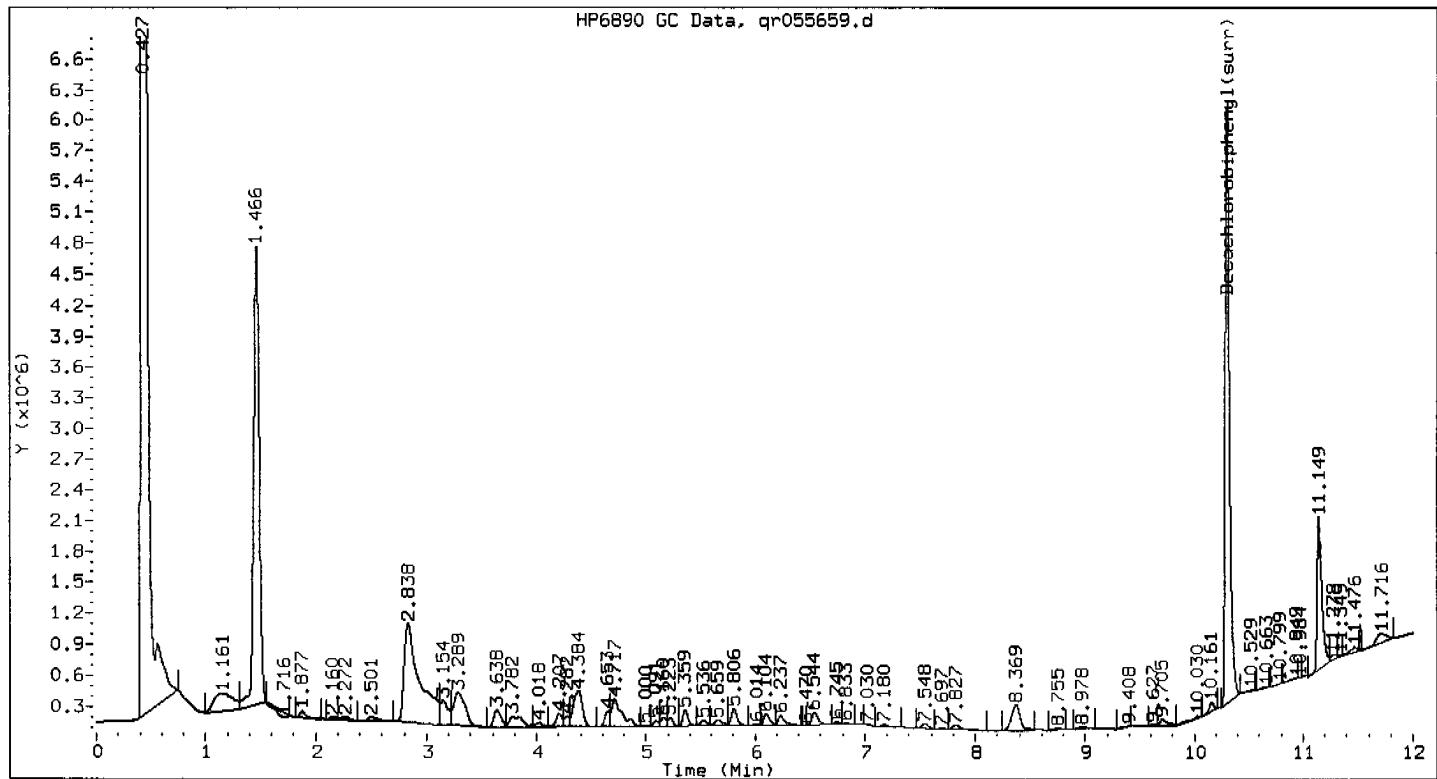


Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
Sample Info : 792852;3398764  
Lab ID : 792852  
Inj Date : 16-DEC-2006 03:01  
Operator : 615  
Cpnd Sublist: PCB8082+  
*12/18/06*

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS		
					(ug/L)	(ug/kg)	
Decachlorobiphenyl (surr)	(M)	10.303	10.299	0.004	14690531	52.622	44.576

COMMENTS:

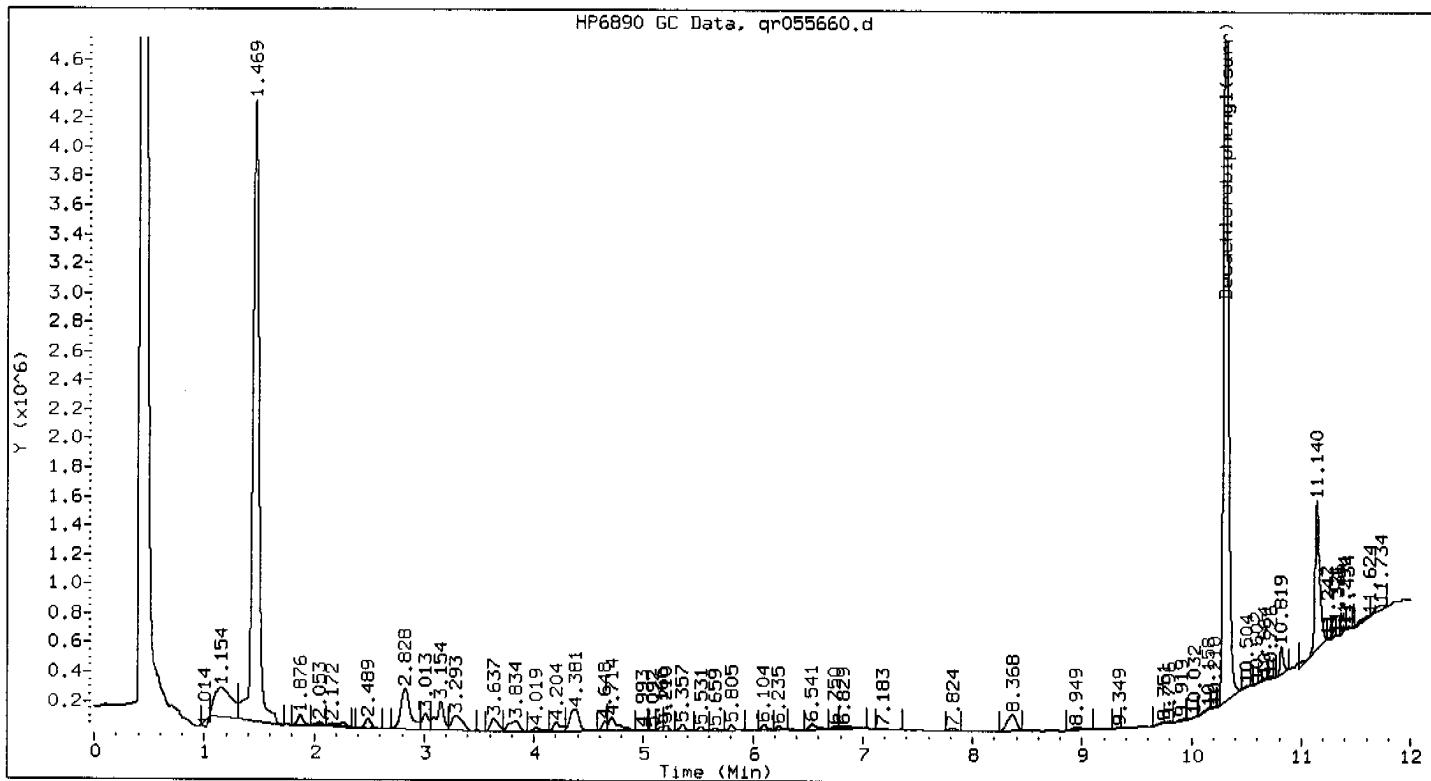
M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
Sample Info : 792855;3398770  
Lab ID : 792855  
Inj Date : 16-DEC-2006 03:46  
Operator : 615  
Cpnd Sublist: PCB8082+  
*12/18/06*

Inst ID : PESTGC8.i  
Dil Factor : 1  
Sample Matrix : SOIL  
Sample Type: SAMPLE

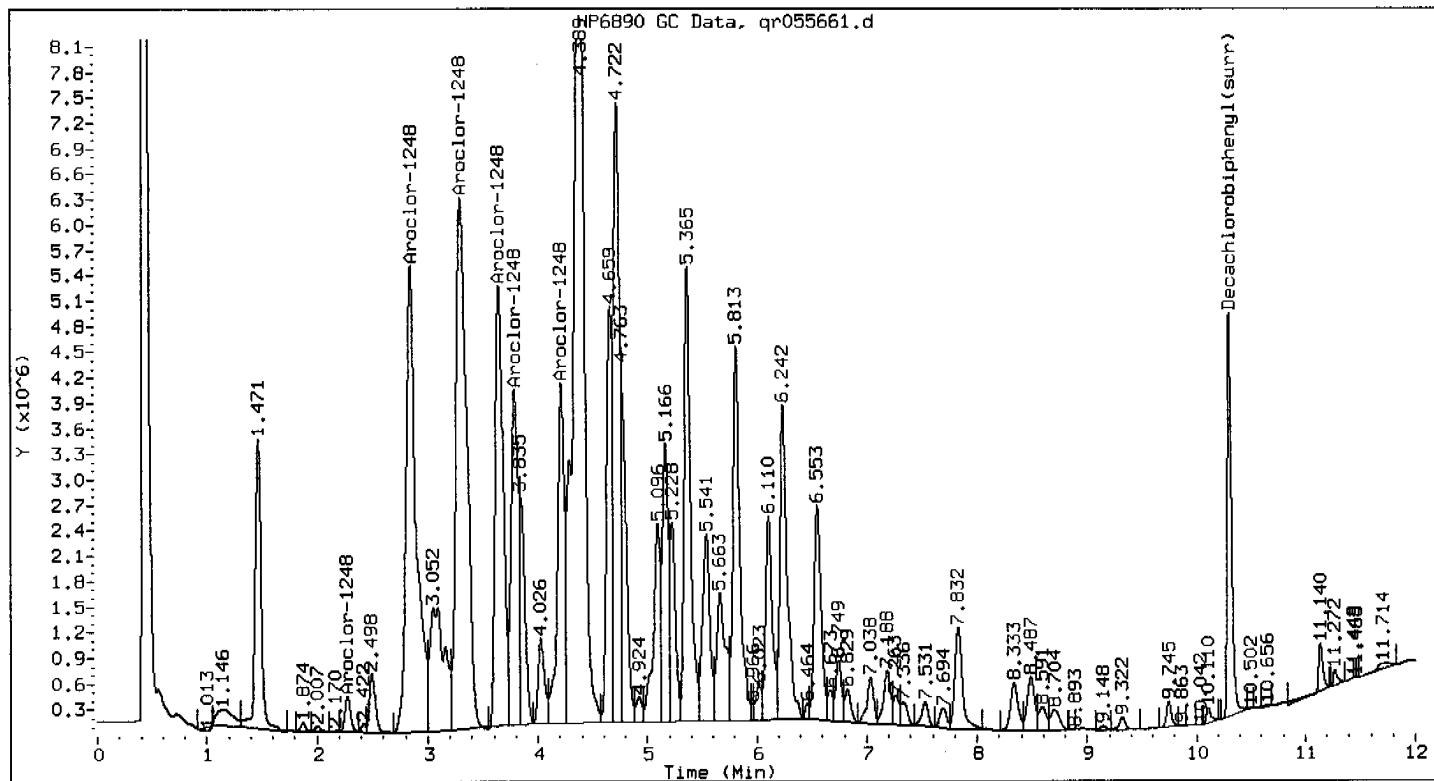
Compounds	CONCENTRATIONS					
	RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl (surr)	10.304	10.299		0.004	15785438	56.544



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
Sample Info : 792856;3398772  
Lab ID : 792856  
Inj Date : 16-DEC-2006 04:02  
Operator : 615  
Cpnd Sublist: PCB8082+  
*12/18/06*

Inst ID : PESTGC8.i  
Dil Factor : 1  
Sample Matrix : SOIL  
Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	CONCENTRATIONS	
				ON-COLUMN (ug/L)	FINAL (ug/kg)
Decachlorobiphenyl (surr)	10.302	10.299	0.003	16394891	58.727 44.440



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
 Sample Info : 792857;3398774  
 Lab ID : 792857  
 Inj Date : 16-DEC-2006 04:17  
 Operator : 615  
 Cpnd Sublist: PCB8082+      *1a/1d/1c*

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1248	(M)	2.278	2.285	0.007	1503548	246.334 190.073
(2)		2.848	2.848	0.000	35266522	1946.473 1501.908
(3)		3.101	-----	-----	-----	----- (*)
(4)		3.296	3.302	0.006	43037256	1731.911 1336.351
(5)		3.645	3.653	0.008	26390995	1636.719 1262.900
(6)		3.788	3.796	0.008	17551926	1878.557 1449.504
(7)		4.213	4.218	0.005	17582250	1960.923 1513.058
(8)		4.726	-----	-----	-----	----- (*)

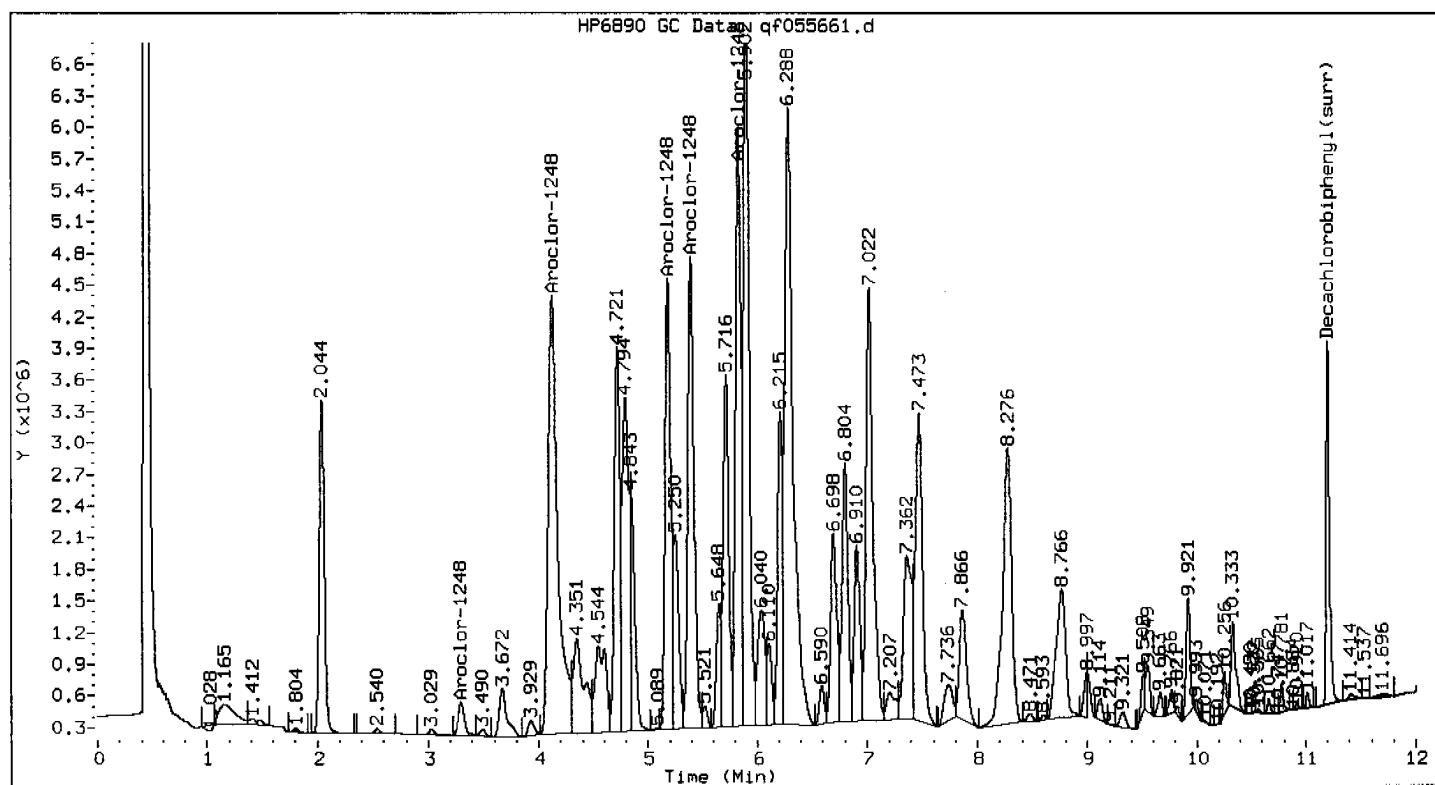
Average of peak concentrations:

1200.00

Decachlorobiphenyl(surr)      10.303      10.299      0.003      13042324      46.718      36.048

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.  
 M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b/06Qf8082.m  
 Sample Info : 792857;3398774  
 Lab ID : 792857  
 Inj Date : 16-DEC-2006 04:17  
 Operator : 615  
 Cpnd Sublist: PCB8082+      *12/13/06*

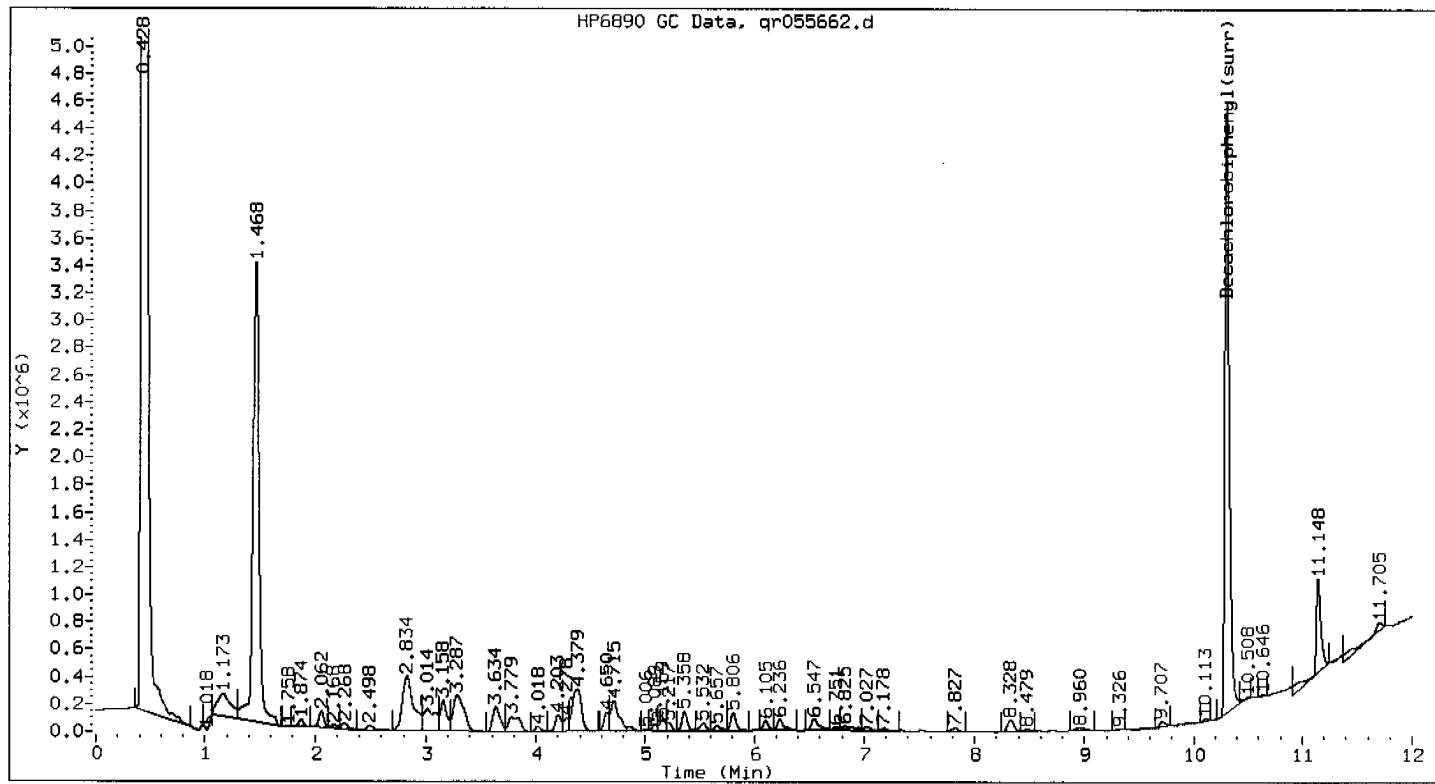
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1248	(M)	3.296	3.315	0.019	1314267	291.762
(2)		4.126	4.129	0.003	25284111	2238.477
(3)		4.620	-----	-----	-----	(*)
(4)		4.813	-----	-----	-----	(*)
(5)		5.185	5.204	0.019	15502639	1639.990
(6)		5.393	5.412	0.019	17806220	1834.272
(7)		5.828	5.845	0.017	18713993	1891.726
(8)		5.919	-----	-----	-----	(*)

Average of peak concentrations: 1200.00

Decachlorobiphenyl (surr) 11.203 11.194 0.008 7114674 48.640 37.531

COMMENTS:

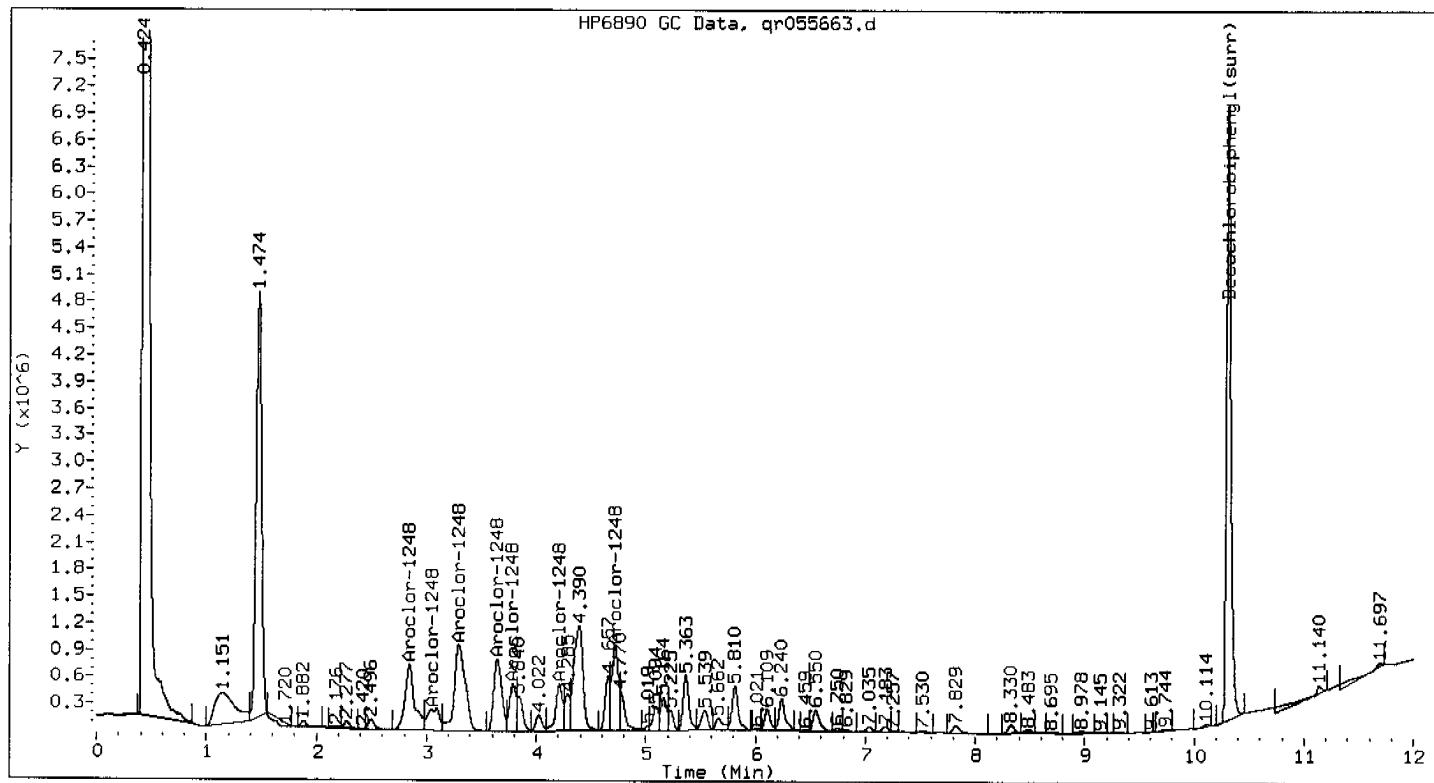
- \* - Multicomponent peak not used in quantitation of compound.
- M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
Sample Info : 792858;3398776  
Lab ID : 792858  
Inj Date : 16-DEC-2006 04:32  
Operator : 615  
Cpnd Sublist: PCB8082+ *12/18/06*

Inst ID : PESTGC8.i  
Dil Factor : 1  
Sample Matrix : SOIL  
Sample Type: SAMPLE

Compounds	CONCENTRATIONS					
	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)
Decachlorobiphenyl (surr)	10.304	10.299	0.005	12156209	43.544	33.873



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
 Sample Info : 792859;3398778  
 Lab ID : 792859  
 Inj Date : 16-DEC-2006 04:47  
 Operator : 615  
 Cpnd Sublist: PCB8082+      *12/15/06*

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

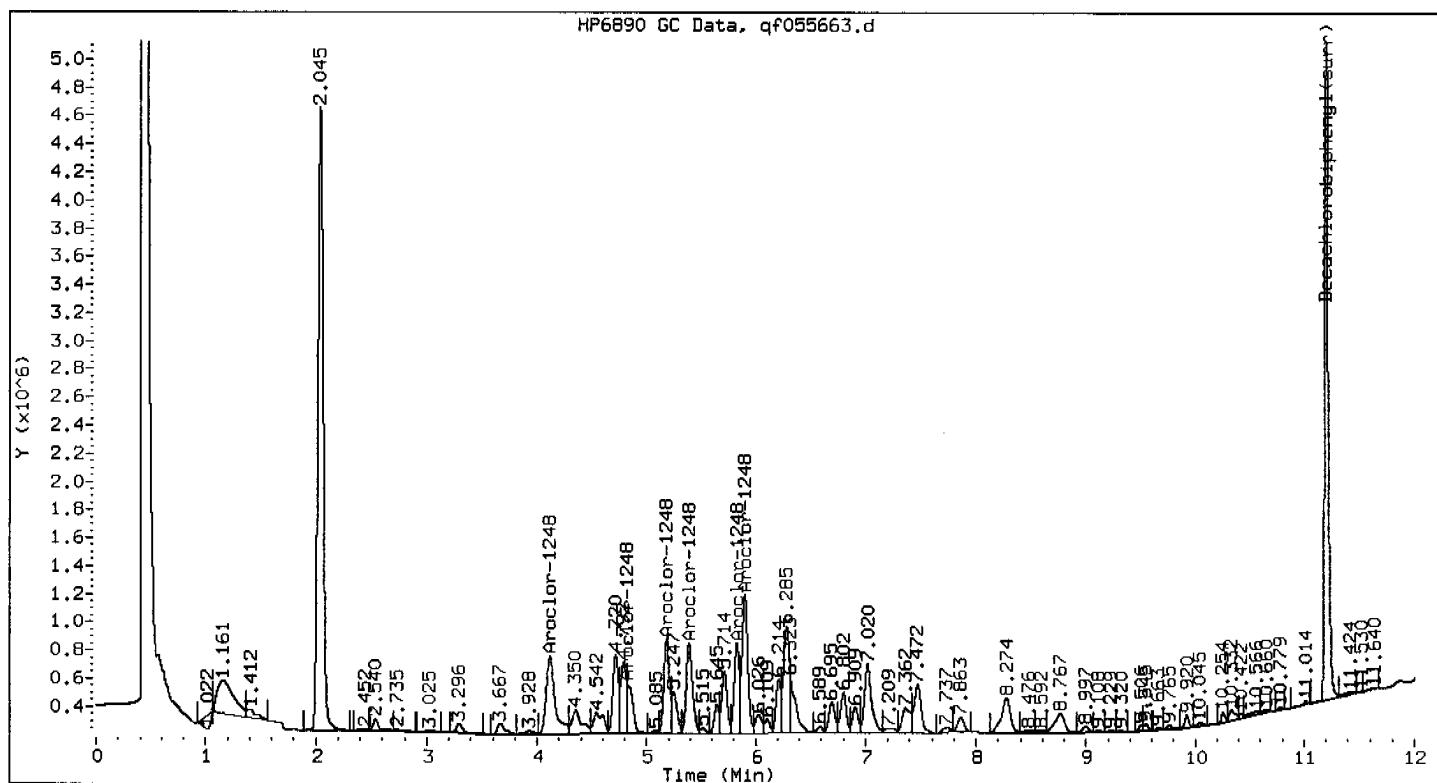
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1248	(M)	2.285	-----	-----	-----	(*)
(2)	2.845	2.848	0.003	4456986	245.995	167.173
(3)	3.044	3.101	0.057	1856804	578.374	393.051
(4)	3.295	3.302	0.007	6750468	271.653	184.610
(5)	3.642	3.653	0.011	4048760	251.096	170.640
(6)	3.786	3.796	0.010	2350015	251.519	170.927
(7)	4.210	4.218	0.008	2131010	237.668	161.514
(8)	4.720	4.726	0.006	3925027	292.248	198.606

Average of peak concentrations: 210.00

Decachlorobiphenyl (surr) 10.302 10.299 0.003 18749917 67.163 45.643

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.  
 M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b/06Qf8082.m  
 Sample Info : 792859;3398778  
 Lab ID : 792859  
 Inj Date : 16-DEC-2006 04:47  
 Operator : 615  
 Cpnd Sublist: PCB8082+      *12/18/06*

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

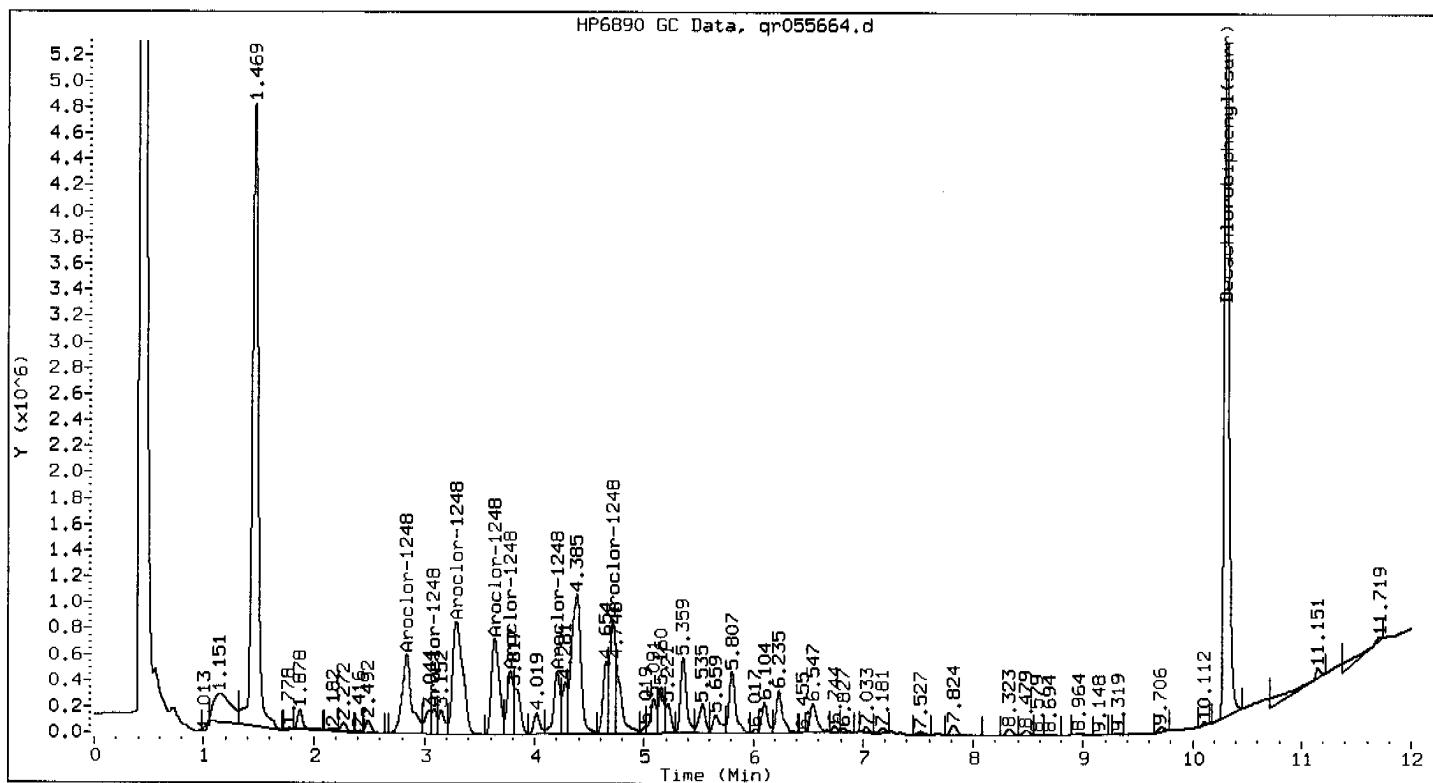
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	-----	3.315	-----	-----	(*)
(2)	4.119	4.129	0.010	3117844	276.032	187.585
(3)	4.620	-----	-----	-----	-----	(*)
(4)	4.823	4.813	0.010	1280729	190.129	129.207
(5)	5.184	5.204	0.020	2461920	260.441	176.990
(6)	5.391	5.412	0.021	2583836	266.169	180.883
(7)	5.827	5.845	0.018	2069835	209.232	142.189
(8)	5.900	5.919	0.018	3596585	314.916	214.010

Average of peak concentrations: 170.00

Decachlorobiphenyl(surr) 11.200 11.194 0.005 10436114 71.348 48.486

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.  
 M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06a.b/06Qr8082.m  
 Sample Info : 792860;3398780  
 Lab ID : 792860  
 Inj Date : 16-DEC-2006 05:02  
 Operator : 615  
 Cpnd Sublist: PCB8082+ *D. H. H.*

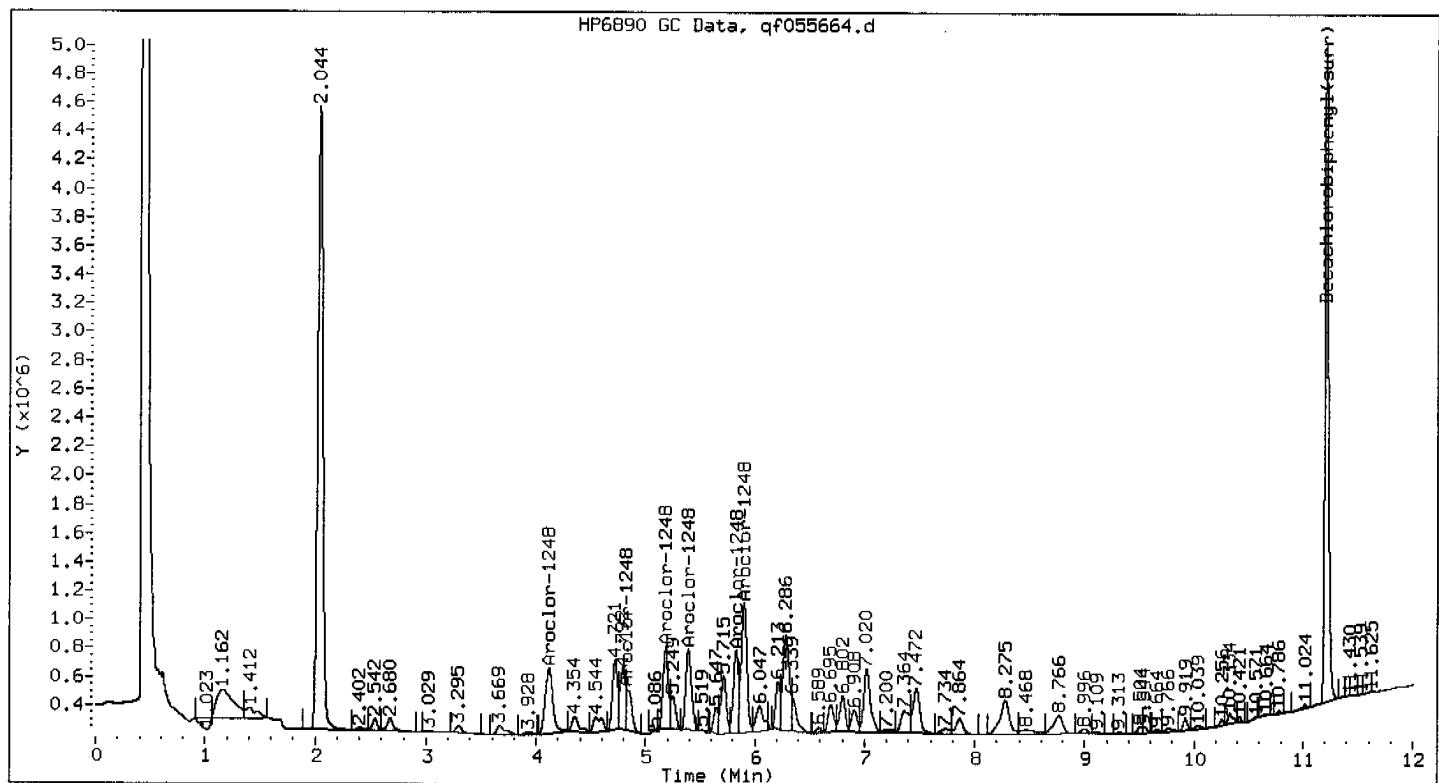
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1248	-----	2.285	-----	-----	-----	(*)
(2)	2.841	2.848	0.007	3595237	198.433	134.576
(3)	3.089	3.101	0.012	1295776	403.620	273.734
(4)	3.291	3.302	0.011	5656705	227.638	154.383
(5)	3.639	3.653	0.014	3674072	227.859	154.533
(6)	3.781	3.796	0.015	3225786	345.251	234.148
(7)	4.206	4.218	0.012	1941856	216.572	146.879
(8)	4.716	4.726	0.010	4893568	364.364	247.110

Average of peak concentrations: 190.00

Decachlorobiphenyl(surr) 10.304 10.299 0.004 17981118 64.409 43.682

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.



Method : /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06a.b/06Qf8082.m  
 Sample Info : 792860;3398780  
 Lab ID : 792860  
 Inj Date : 16-DEC-2006 05:02  
 Operator : 615  
 Cpnd Sublist: PCB8082+ *Bell's file*

Inst ID : PESTGC8.i  
 Dil Factor : 1  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1248	(M)	-----	3.315	-----	-----	(*)
(2)	4.119	4.129	0.010	2158902	191.134	129.626
(3)	4.620	-----	-----	-----	-----	(*)
(4)	4.825	4.813	0.012	985355	146.279	99.206
(5)	5.185	5.204	0.018	1958709	207.207	140.527
(6)	5.392	5.412	0.020	2062900	212.505	144.120
(7)	5.828	5.845	0.018	1848986	186.907	126.760
(8)	5.900	5.919	0.018	3289595	288.036	195.345

Average of peak concentrations: 140.00

Decachlorobiphenyl(surr) 11.212 11.194 0.018 9957156 68.073 46.167

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.  
 M - Compound response manually integrated.

## MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06b.b/qr055670.d  
 Method: /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06b.b/06Qr8082.m

Sample Information: 1660-1000 B  
 Injection Date: 16-DEC-2006 06:32

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	1.863	1000	1117.87	11.79
Aroclor-1016	2	2.277	1000	1051.85	5.19
Aroclor-1016	3	2.513	1000	1127.59	12.76
Aroclor-1016	4	2.842	1000	1059.19	5.92
Aroclor-1016	5	3.018	1000	1062.53	6.25
Aroclor-1016	6	3.094	1000	1038.69	3.87
Aroclor-1016	7	3.642	1000	1058.37	5.84
Aroclor-1016	8	3.789	1000	1044.65	4.46

Aroclor-1260	1	5.662	1000	1068.29	6.83
Aroclor-1260	2	6.110	1000	1063.41	6.34
Aroclor-1260	3	6.552	1000	1075.08	7.51
Aroclor-1260	4	6.749	1000	1078.67	7.87
Aroclor-1260	5	7.189	1000	1090.98	9.10
Aroclor-1260	6	8.488	1000	1074.56	7.46
Aroclor-1260	7	8.708	1000	1141.64	14.16
Aroclor-1260	8	9.748	1000	1138.51	13.85

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
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Tetrachloro-m-xylene(s)	1.468	100	112.23	12.23
Decachlorobiphenyl(sur)	10.304	100	112.46	12.46

## GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054214.d  
 Injection Date: 06-NOV-2006 17:51

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec06/12-15-06/15dec06b.b/qr055670.d  
 Injection Date: 16-DEC-2006 06:32

Compound	Init Cal		Cont Cal	Flags
	RT	RT		
Aroclor-1016	1.874	( 1.804 - 1.944 )	1.863	
	2.286	( 2.216 - 2.356 )	2.277	
	2.521	( 2.451 - 2.591 )	2.513	
	2.849	( 2.779 - 2.919 )	2.842	
	3.024	( 2.954 - 3.094 )	3.018	
	3.102	( 3.032 - 3.172 )	3.094	
	3.651	( 3.581 - 3.721 )	3.642	
	3.796	( 3.726 - 3.866 )	3.789	
Aroclor-1260	5.667	( 5.597 - 5.737 )	5.662	
	6.113	( 6.043 - 6.183 )	6.110	
	6.554	( 6.484 - 6.624 )	6.552	
	6.753	( 6.683 - 6.823 )	6.749	
	7.192	( 7.122 - 7.262 )	7.189	
	8.491	( 8.421 - 8.561 )	8.488	
	8.712	( 8.642 - 8.782 )	8.708	
	9.748	( 9.678 - 9.818 )	9.748	
Tetrachloro-m-xylene(surr)	1.480	( 1.430 - 1.530 )	1.468	
Decachlorobiphenyl(surr)	10.308	( 10.208 - 10.408 )	10.304	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06b.b/qf055670.d  
 Method: /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06b.b/06Qf8082.m

Sample Information: 1660-1000 B  
 Injection Date: 16-DEC-2006 06:32

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
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Aroclor-1016	1	2.710	1000	1075.14	7.51
Aroclor-1016	2	3.297	1000	1094.52	9.45
Aroclor-1016	3	3.732	1000	1077.87	7.79
Aroclor-1016	4	4.112	1000	1102.95	10.30
Aroclor-1016	5	4.361	1000	1125.88	12.59
Aroclor-1016	6	4.792	1000	1147.25	14.72
Aroclor-1016	7	5.183	1000	1099.82	9.98
Aroclor-1016	8	5.392	1000	1139.30	13.93

Aroclor-1260	1	7.407	1000	1104.30	10.43
Aroclor-1260	2	7.864	1000	1106.25	10.63
Aroclor-1260	3	8.763	1000	1117.56	11.76
Aroclor-1260	4	8.993	1000	1130.19	13.02
Aroclor-1260	5	9.112	1000	1137.72	13.77
Aroclor-1260	6	9.552	1000	1174.65	17.46<-
Aroclor-1260	7	10.336	1000	1112.13	11.21
Aroclor-1260	8	10.788	1000	1182.81	18.28<-

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
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Tetrachloro-m-xylene(s	2.041	100	115.88	15.88<-
Decachlorobiphenyl(sur	11.214	100	117.76	17.76<-

## GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054214.d  
 Injection Date: 06-NOV-2006 17:51

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec06/12-15-06/15dec06b.b/qf055670.d  
 Injection Date: 16-DEC-2006 06:32

Compound	Init Cal	RT	Cont Cal	Flags
	RT	Range	RT	
Aroclor-1016	2.727	( 2.657 - 2.797 )	2.710	
	3.316	( 3.246 - 3.386 )	3.297	
	3.754	( 3.684 - 3.824 )	3.732	
	4.131	( 4.061 - 4.201 )	4.112	
	4.380	( 4.310 - 4.450 )	4.361	
	4.810	( 4.740 - 4.880 )	4.792	
	5.201	( 5.131 - 5.271 )	5.183	
	5.408	( 5.338 - 5.478 )	5.392	
Aroclor-1260	7.424	( 7.354 - 7.494 )	7.407	
	7.882	( 7.812 - 7.952 )	7.864	
	8.784	( 8.714 - 8.854 )	8.763	
	9.011	( 8.941 - 9.081 )	8.993	
	9.129	( 9.059 - 9.199 )	9.112	
	9.566	( 9.496 - 9.636 )	9.552	
	10.345	( 10.275 - 10.415 )	10.336	
	10.798	( 10.728 - 10.868 )	10.788	
Tetrachloro-m-xylene (surr)	2.057	( 2.007 - 2.107 )	2.041	
Decachlorobiphenyl (surr)	11.230	( 11.130 - 11.330 )	11.214	

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06a.b/qr055691.d  
 Method: /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06a.b/06Qr8082.m

Sample Information: 1660-1000 A  
 Injection Date: 17-DEC-2006 22:20

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
<hr/>					
Aroclor-1016	1	1.876	1000	1069.69	6.97
Aroclor-1016	2	2.286	1000	1002.38	0.24
Aroclor-1016	3	2.522	1000	1039.23	3.92
Aroclor-1016	4	2.851	1000	1044.42	4.44
Aroclor-1016	5	3.024	1000	1049.65	4.97
Aroclor-1016	6	3.101	1000	988.13	1.19
Aroclor-1016	7	3.647	1000	1036.55	3.65
Aroclor-1016	8	3.794	1000	1010.70	1.07
<hr/>					
<hr/>					
Aroclor-1260	1	5.661	1000	1025.30	2.53
Aroclor-1260	2	6.106	1000	1027.63	2.76
Aroclor-1260	3	6.546	1000	1039.66	3.97
Aroclor-1260	4	6.744	1000	1030.18	3.02
Aroclor-1260	5	7.182	1000	1054.42	5.44
Aroclor-1260	6	8.478	1000	1039.63	3.96
Aroclor-1260	7	8.698	1000	1095.44	9.54
Aroclor-1260	8	9.741	1000	1089.08	8.91
<hr/>					
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Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
<hr/>				
Tetrachloro-m-xylene(sur)	1.481	100	110.60	10.60
Decachlorobiphenyl(sur)	10.298	100	101.22	1.22

## GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054214.d  
 Injection Date: 06-NOV-2006 17:51

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06a.b/qr055691.d  
 Injection Date: 17-DEC-2006 22:20

Compound	Init Cal		RT	Cont Cal	Flags
	RT	Range			
Aroclor-1016	1.874	( 1.804 - 1.944 )	1.876		
	2.286	( 2.216 - 2.356 )	2.286		
	2.521	( 2.451 - 2.591 )	2.522		
	2.849	( 2.779 - 2.919 )	2.851		
	3.024	( 2.954 - 3.094 )	3.024		
	3.102	( 3.032 - 3.172 )	3.101		
	3.651	( 3.581 - 3.721 )	3.647		
	3.796	( 3.726 - 3.866 )	3.794		
<hr/>					
Aroclor-1260	5.667	( 5.597 - 5.737 )	5.661		
	6.113	( 6.043 - 6.183 )	6.106		
	6.554	( 6.484 - 6.624 )	6.546		
	6.753	( 6.683 - 6.823 )	6.744		
	7.192	( 7.122 - 7.262 )	7.182		
	8.491	( 8.421 - 8.561 )	8.478		
	8.712	( 8.642 - 8.782 )	8.698		
	9.748	( 9.678 - 9.818 )	9.741		
<hr/>					
Tetrachloro-m-xylene (surr)	1.480	( 1.430 - 1.530 )	1.481		
<hr/>					
Decachlorobiphenyl (surr)	10.308	( 10.208 - 10.408 )	10.298		
<hr/>					

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06a.b/qf055691.d  
 Method: /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06a.b/06Qf8082.m

Sample Information: 1660-1000 A  
 Injection Date: 17-DEC-2006 22:20

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
Aroclor-1016	1	2.720	1000	1036.77	3.68
Aroclor-1016	2	3.305	1000	1073.40	7.34
Aroclor-1016	3	3.739	1000	1033.27	3.33
Aroclor-1016	4	4.117	1000	1072.39	7.24
Aroclor-1016	5	4.365	1000	1027.31	2.73
Aroclor-1016	6	4.794	1000	1069.57	6.96
Aroclor-1016	7	5.184	1000	1085.99	8.60
Aroclor-1016	8	5.391	1000	1130.69	13.07

Aroclor-1260	1	7.401	1000	1072.85	7.28
Aroclor-1260	2	7.857	1000	1075.79	7.58
Aroclor-1260	3	8.754	1000	1046.79	4.68
Aroclor-1260	4	8.985	1000	1021.10	2.11
Aroclor-1260	5	9.105	1000	1025.05	2.51
Aroclor-1260	6	9.546	1000	1037.80	3.78
Aroclor-1260	7	10.331	1000	1080.05	8.01
Aroclor-1260	8	10.780	1000	1059.79	5.98

Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
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Tetrachloro-m-xylene(s	2.053	100	114.68	14.68
Decachlorobiphenyl(sur	11.201	100	110.53	10.53

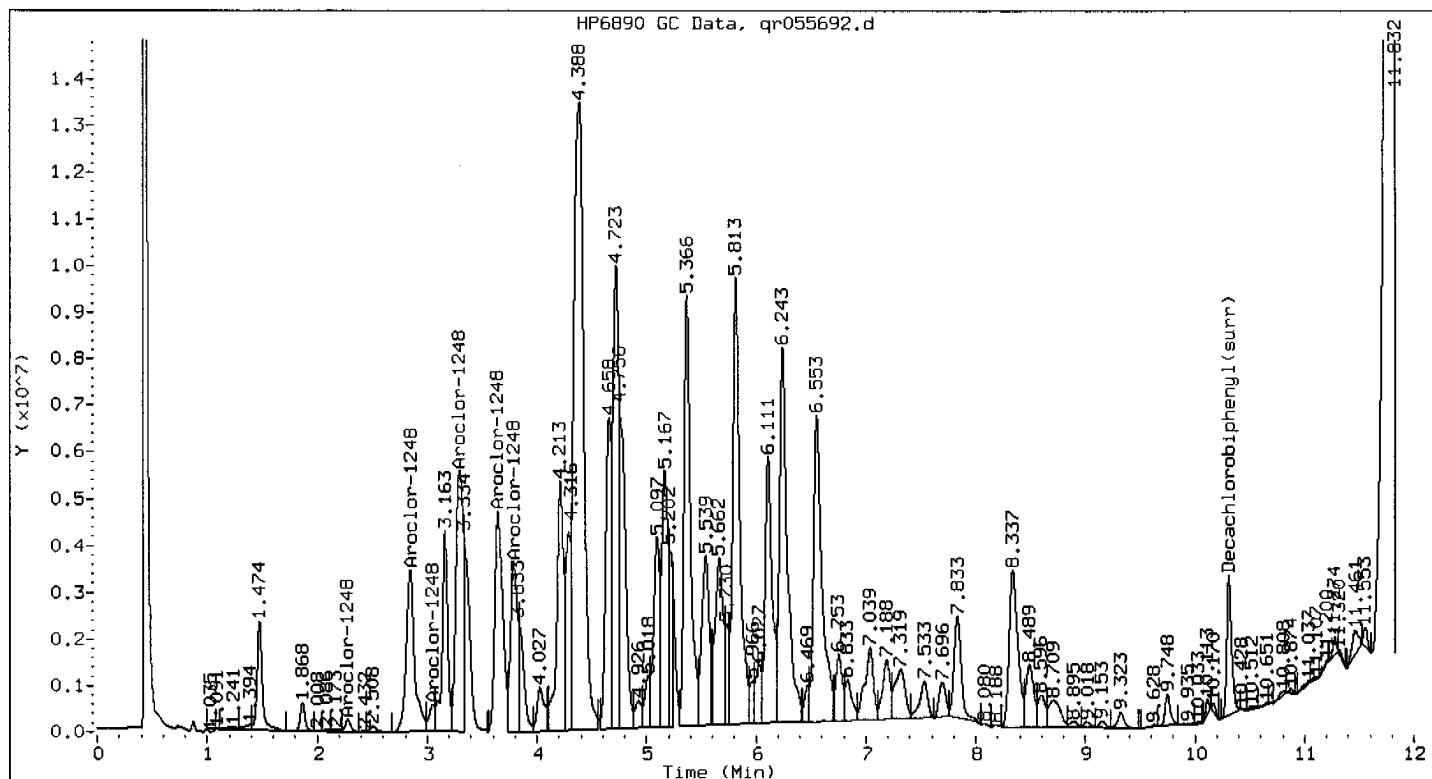
## GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054214.d  
 Injection Date: 06-NOV-2006 17:51

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06a.b/qf055691.d  
 Injection Date: 17-DEC-2006 22:20

Compound	Init Cal	RT	Cont Cal	Flags
	RT	Range	RT	
Aroclor-1016	2.727	( 2.657 - 2.797 )	2.720	
	3.316	( 3.246 - 3.386 )	3.305	
	3.754	( 3.684 - 3.824 )	3.739	
	4.131	( 4.061 - 4.201 )	4.117	
	4.380	( 4.310 - 4.450 )	4.365	
	4.810	( 4.740 - 4.880 )	4.794	
	5.201	( 5.131 - 5.271 )	5.184	
	5.408	( 5.338 - 5.478 )	5.391	
Aroclor-1260	7.424	( 7.354 - 7.494 )	7.401	
	7.882	( 7.812 - 7.952 )	7.857	
	8.784	( 8.714 - 8.854 )	8.754	
	9.011	( 8.941 - 9.081 )	8.985	
	9.129	( 9.059 - 9.199 )	9.105	
	9.566	( 9.496 - 9.636 )	9.546	
	10.345	( 10.275 - 10.415 )	10.331	
	10.798	( 10.728 - 10.868 )	10.780	
Tetrachloro-m-xylene(surr)	2.057	( 2.007 - 2.107 )	2.053	
Decachlorobiphenyl(surr)	11.230	( 11.130 - 11.330 )	11.201	



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06a.b/06Qr8082.m  
 Sample Info : 792853;3398766  
 Lab ID : 792853  
 Inj Date : 17-DEC-2006 23:01  
 Operator : 615  
 Cpnd Sublist: PCB8082+      *12/18/06*

Inst ID : PESTGC8.i  
 Dil Factor : 2  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					(ug/L)	(ug/kg)
Aroclor-1248	(M)	2.278	2.285	0.007	907085	148.613 231.754
(2)		2.847	2.848	0.001	18751622	1034.963 1613.977
(3)		3.049	3.101	0.052	2032165	632.997 987.130
(4)		3.297	3.302	0.005	24901896	1002.106 1562.738
(5)		3.645	3.653	0.008	24172144	1499.110 2337.793
(6)		3.788	3.796	0.008	15787896	1689.756 2635.096
(7)		4.218				(*)
(8)		4.726				(*)

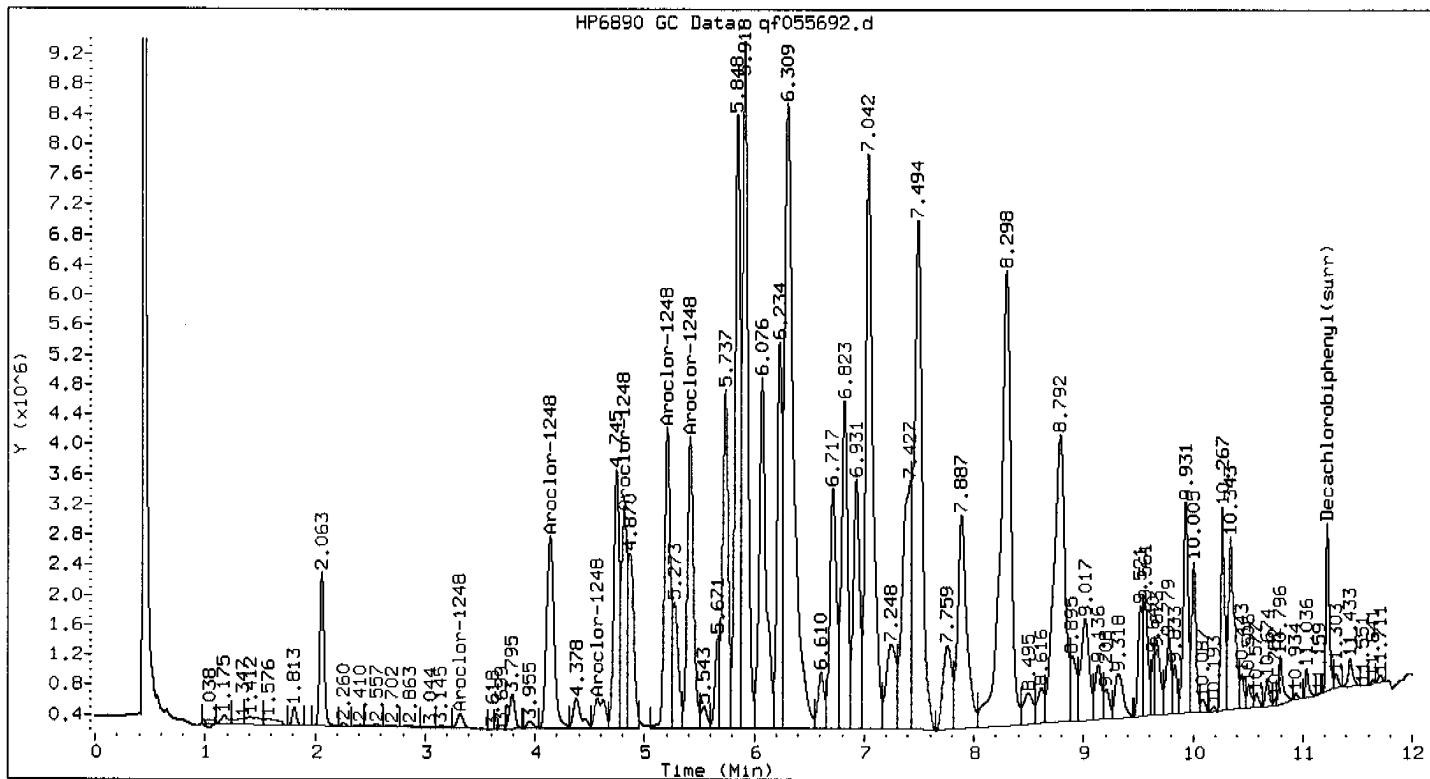
Average of peak concentrations: 1600.00

Decachlorobiphenyl(surr) 10.307 10.298 0.009 8991040 32.206 50.224

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06a.b/06QF8082.m  
 Sample Info : 792853;3398766  
 Lab ID : 792853  
 Inj Date : 17-DEC-2006 23:01  
 Operator : 615  
 Cpnd Sublist: PCB8082+      *12/12/06*

Compounds	RT (M)	ON-COLUMN		FINAL		
		EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)
Aroclor-1248		3.319	3.315	800838	177.783	277.244
(2)		4.140	4.129	0.011	12121340	1073.138
(3)		4.569	4.620	0.051	2545241	1508.789
(4)		4.816	4.813	0.003	10530905	1563.349
(5)		5.207	5.204	0.003	14991868	1585.956
(6)		5.416	5.412	0.004	15414680	1587.912
(7)		5.845	-----	-----	-----	(*)
(8)		5.919	-----	-----	-----	(*)

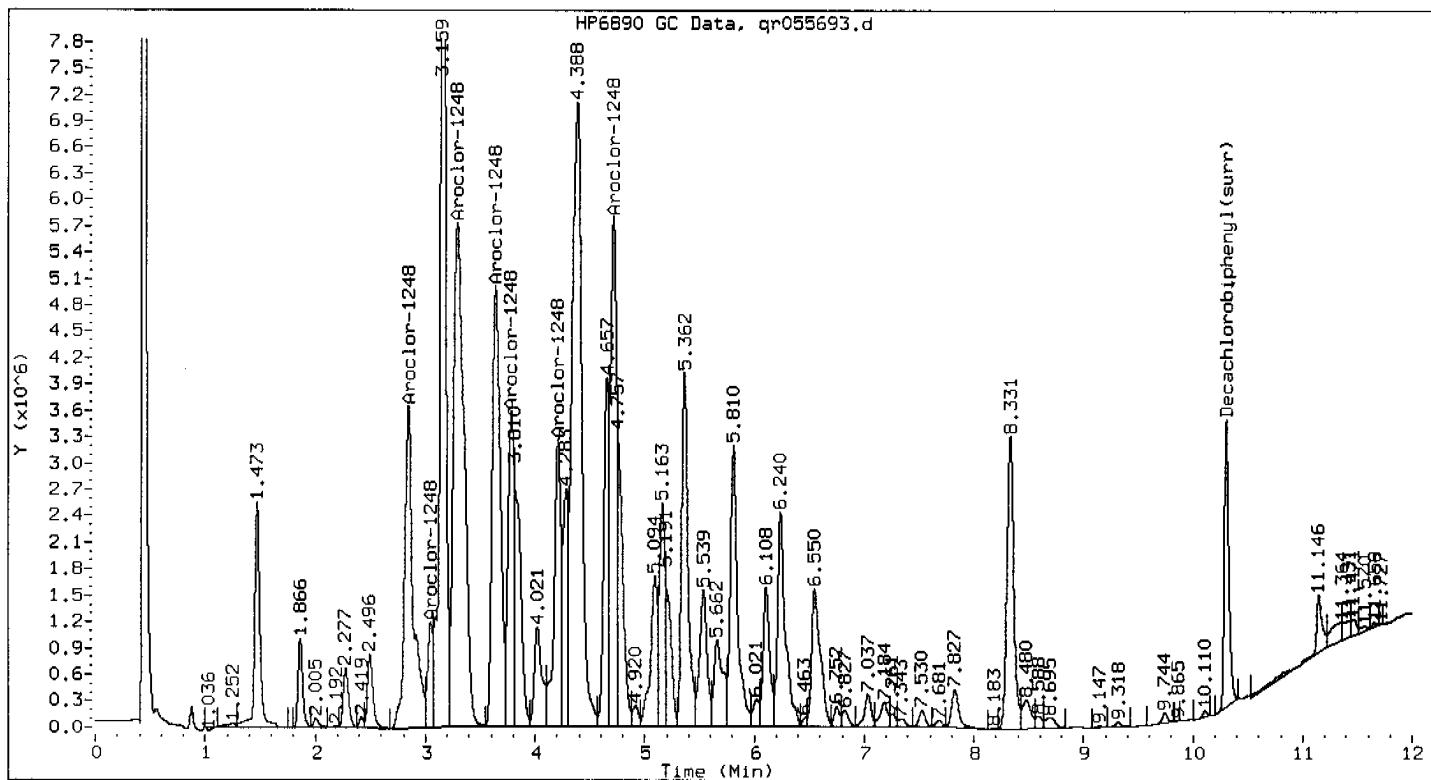
Average of peak concentrations: 1900.00

Decachlorobiphenyl (surr) 11.223 11.201 0.023 4690550 32.067 50.008

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06b.b/06Qr8082.m  
 Sample Info : 792854;3398768  
 Lab ID : 792854  
 Inj Date : 18-DEC-2006 00:23      *✓ 12/18/06*  
 Operator : 615  
 Cpnd Sublist: PCB8082+

Inst ID : PESTGC8.i  
 Dil Factor : 2  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	-----	2.285	-----	-----	(*)
(2)	2.847	2.848	0.001	19922008	1099.560	1584.951
(3)	3.047	3.101	0.054	3634492	1132.105	1631.863
(4)	3.294	3.302	0.008	38999139	1569.409	2262.211
(5)	3.641	3.653	0.012	25683922	1592.867	2296.025
(6)	3.785	3.796	0.011	12587868	1347.261	1941.998
(7)	4.209	4.218	0.009	14100261	1572.582	2266.784
(8)	4.718	4.726	0.008	22813672	1698.653	2448.509

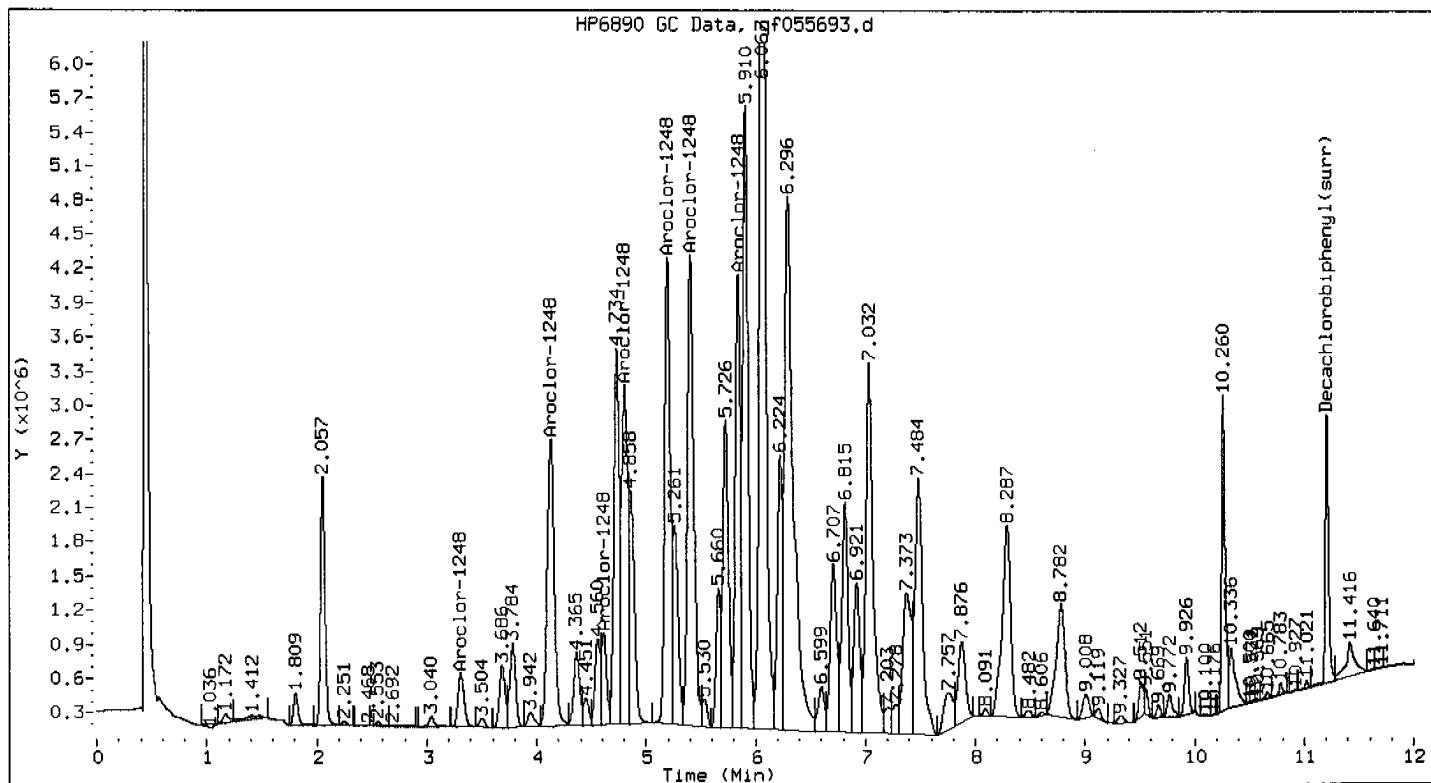
Average of peak concentrations: 2100.00

Decachlorobiphenyl (surr) 10.303 10.302 0.001 9241261 33.103 47.715

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.

M - Compound response manually integrated.



Method : /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06a.b/06QF8082.m  
 Sample Info : 792854;3398768  
 Lab ID : 792854  
 Inj Date : 18-DEC-2006 00:23  
 Operator : 615  
 Cpnd Sublist: PCB8082+  
 12/18/06

Inst ID : PESTGC8.i  
 Dil Factor : 2  
 Sample Matrix : SOIL  
 Sample Type: SAMPLE

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/kg)
Aroclor-1248	(M)	3.309	3.315	0.006	1831150	406.508 585.957
(2)		4.133	4.129	0.004	11462507	1014.810 1462.789
(3)		4.614	4.620	0.006	2673948	1585.085 2284.807
(4)		4.806	4.813	0.006	10966628	1628.033 2346.715
(5)		5.197	5.204	0.006	14851904	1571.150 2264.720
(6)		5.405	5.412	0.007	16763766	1726.885 2489.204
(7)		5.839	5.845	0.006	13036263	1317.786 1899.511
(8)		5.919				(*)

Average of peak concentrations: 1900.00

Decachlorobiphenyl(surr) 11.206 11.201 0.005 4787502 32.730 47.179

COMMENTS:

\* - Multicomponent peak not used in quantitation of compound.

M - Compound response manually integrated.

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06b.b/qr055710.d  
 Method: /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06b.b/06Qr8082.m

Sample Information: 1660-1000 B  
 Injection Date: 18-DEC-2006 04:39

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
<hr/>					
Aroclor-1016	1	1.874	1000	1050.82	5.08
Aroclor-1016	2	2.286	1000	1021.39	2.14
Aroclor-1016	3	2.521	1000	1046.22	4.62
Aroclor-1016	4	2.850	1000	1032.61	3.26
Aroclor-1016	5	3.025	1000	1038.67	3.87
Aroclor-1016	6	3.102	1000	1101.00	10.10
Aroclor-1016	7	3.649	1000	1027.76	2.78
Aroclor-1016	8	3.796	1000	981.27	1.87
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Aroclor-1260	1	5.664	1000	989.61	1.04
Aroclor-1260	2	6.111	1000	954.68	4.53
Aroclor-1260	3	6.553	1000	904.77	9.52
Aroclor-1260	4	6.750	1000	901.44	9.86
Aroclor-1260	5	7.190	1000	937.39	6.26
Aroclor-1260	6	8.488	1000	1019.73	1.97
Aroclor-1260	7	8.707	1000	1100.21	10.02
Aroclor-1260	8	9.747	1000	975.55	2.44
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Surrogate	RT	Exp Conc	Actual Conc	Percent Diff.
<hr/>				
Tetrachloro-m-xylene(sur)	1.480	100	109.16	9.16
Decachlorobiphenyl(sur)	10.302	100	94.57	5.43

## GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/rear/Nov06/11-06-06ical/06nov06aical.b/qr054214.d  
 Injection Date: 06-NOV-2006 17:51

Continuing Calibration File: /chem1/PESTGC8.i/8082/rear/Dec06/12-17-06/17dec06b.b/qr055710.d  
 Injection Date: 18-DEC-2006 04:39

Compound	Init Cal		Cont Cal	Flags
	RT	RT		
Aroclor-1016	1.874	( 1.804 - 1.944 )	1.874	
	2.286	( 2.216 - 2.356 )	2.286	
	2.521	( 2.451 - 2.591 )	2.521	
	2.849	( 2.779 - 2.919 )	2.850	
	3.024	( 2.954 - 3.094 )	3.025	
	3.102	( 3.032 - 3.172 )	3.102	
	3.651	( 3.581 - 3.721 )	3.649	
	3.796	( 3.726 - 3.866 )	3.796	
<hr/>				
Aroclor-1260	5.667	( 5.597 - 5.737 )	5.664	
	6.113	( 6.043 - 6.183 )	6.111	
	6.554	( 6.484 - 6.624 )	6.553	
	6.753	( 6.683 - 6.823 )	6.750	
	7.192	( 7.122 - 7.262 )	7.190	
	8.491	( 8.421 - 8.561 )	8.488	
	8.712	( 8.642 - 8.782 )	8.707	
	9.748	( 9.678 - 9.818 )	9.747	
<hr/>				
Tetrachloro-m-xylene(surr)	1.480	( 1.430 - 1.530 )	1.480	
<hr/>				
Decachlorobiphenyl(surr)	10.308	( 10.208 - 10.408 )	10.302	
<hr/>				

MULTICOMPONENT COMPOUND CONTINUING CALIBRATION REPORT

Data File: /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06b.b/qf055710.d  
 Method: /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06b.b/06Qf8082.m

Sample Information: 1660-1000 B  
 Injection Date: 18-DEC-2006 04:39

Compound	Signal No.	RT	Exp Conc	Actual Conc	Percent Diff.
<hr/>					
Aroclor-1016	1	2.722	1000	1043.34	4.33
Aroclor-1016	2	3.309	1000	1061.69	6.17
Aroclor-1016	3	3.744	1000	1009.13	0.91
Aroclor-1016	4	4.123	1000	1049.20	4.92
Aroclor-1016	5	4.371	1000	1043.52	4.35
Aroclor-1016	6	4.800	1000	1036.18	3.62
Aroclor-1016	7	5.190	1000	1044.35	4.44
Aroclor-1016	8	5.399	1000	1080.68	8.07
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Aroclor-1260	1	7.411	1000	1051.56	5.16
Aroclor-1260	2	7.869	1000	1064.62	6.46
Aroclor-1260	3	8.766	1000	1101.77	10.18
Aroclor-1260	4	8.994	1000	1100.47	10.05
Aroclor-1260	5	9.114	1000	1103.05	10.31
Aroclor-1260	6	9.554	1000	1054.21	5.42
Aroclor-1260	7	10.334	1000	941.66	5.83
Aroclor-1260	8	10.782	1000	1039.12	3.91
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Surrogate		RT	Exp Conc	Actual Conc	Percent Diff.
<hr/>					
Tetrachloro-m-xylene(s		2.055	100	114.89	14.89
Decachlorobiphenyl(sur		11.203	100	105.21	5.21

## GC ORGANICS RETENTION TIME CHECK

Instrument ID: PESTGC8.i

Midpoint Calibration File: /chem1/PESTGC8.i/8082/front/Nov06/11-06-06ical/06nov06aical.b/qf054214.d  
 Injection Date: 06-NOV-2006 17:51

Continuing Calibration File: /chem1/PESTGC8.i/8082/front/Dec06/12-17-06/17dec06b.b/qf055710.d  
 Injection Date: 18-DEC-2006 04:39

Compound	Init Cal		Cont Cal	Flags
	RT	RT		
Aroclor-1016	2.727	( 2.657 - 2.797 )	2.722	
	3.316	( 3.246 - 3.386 )	3.309	
	3.754	( 3.684 - 3.824 )	3.744	
	4.131	( 4.061 - 4.201 )	4.123	
	4.380	( 4.310 - 4.450 )	4.371	
	4.810	( 4.740 - 4.880 )	4.800	
	5.201	( 5.131 - 5.271 )	5.190	
	5.408	( 5.338 - 5.478 )	5.399	
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Aroclor-1260	7.424	( 7.354 - 7.494 )	7.411	
	7.882	( 7.812 - 7.952 )	7.869	
	8.784	( 8.714 - 8.854 )	8.766	
	9.011	( 8.941 - 9.081 )	8.994	
	9.129	( 9.059 - 9.199 )	9.114	
	9.566	( 9.496 - 9.636 )	9.554	
	10.345	( 10.275 - 10.415 )	10.334	
	10.798	( 10.728 - 10.868 )	10.782	
<hr/>				
Tetrachloro-m-xylene (surr)	2.057	( 2.007 - 2.107 )	2.055	
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Decachlorobiphenyl (surr)	11.230	( 11.130 - 11.330 )	11.203	
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